



**Catalogue B 2016**  
More than 300 construction products

  
**Axel**  
Dal 1974

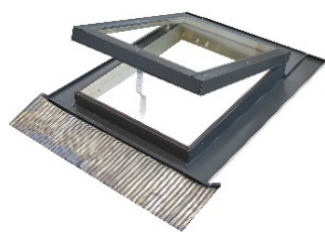
# CATALOGUE B 2016

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  All Axel's products are made in Italy

# Windows



## PRATIKA

High quality skylight  
for  
uninhabited attics

Fir interior wood

Glazing unit 4-9-4

Steel handle that  
allows 3 opening  
positions

UV resistant cladding  
made from coated  
aluminum for long-  
term performance.

On request Pratika  
can be painted in all  
colours

## PRATIKA C E

| code  | description                                | external<br>frame cm<br>bxh | conf. | €/p |
|-------|--------------------------------------------|-----------------------------|-------|-----|
| PK3   | Pratika - aluminum varnished RAL 7022      | 45 x 55                     | 1 pz  |     |
| PK1   | Pratika - aluminum varnished RAL 7022      | 45 x 80                     | 1 pz  |     |
| PK10  | Pratika - aluminum varnished RAL 7022      | 50 x 70                     | 1 pz  |     |
| PK11  | Pratika - aluminum varnished RAL 7022      | 50 x 90                     | 1 pz  |     |
| PK2   | Pratika - aluminum varnished RAL 7022      | 55 x 70                     | 1 pz  |     |
| PK5   | Pratika - aluminum varnished RAL 7022      | 55 x 98                     | 1 pz  |     |
| PK8   | Pratika - aluminum varnished RAL 7022      | 74 x 80                     | 1 pz  |     |
| PK4   | Pratika - aluminum varnished RAL 7022      | 80 x 45                     | 1 pz  |     |
| PK6   | Pratika - aluminum varnished RAL 7022      | 78 x 98                     | 1 pz  |     |
| PK12  | Pratika - aluminum varnished RAL 7022      | 90 x 50                     | 1 pz  |     |
| PK7   | Pratika - aluminum varnished RAL 7022      | 98 x 55                     | 1 pz  |     |
| PKL1  | Pratika - alum. varn. Ral7022 lateral open | 49 x 76                     | 1 pz  |     |
| PKL8  | Pratika - alum. varn. Ral7022 lateral open | 74 x 80                     | 1 pz  |     |
| PKR3  | Pratika - copper                           | 45 x 55                     | 1 pz  |     |
| PKR1  | Pratika - copper                           | 45 x 80                     | 1 pz  |     |
| PKR10 | Pratika - copper                           | 50 x 70                     | 1 pz  |     |
| PKR11 | Pratika - copper                           | 50 x 90                     | 1 pz  |     |
| PKR2  | Pratika - copper                           | 55 x 70                     | 1 pz  |     |
| PKR5  | Pratika - copper                           | 55 x 98                     | 1 pz  |     |
| PKR8  | Pratika - copper                           | 74 x 80                     | 1 pz  |     |
| PKR4  | Pratika - copper                           | 80 x 45                     | 1 pz  |     |
| PKR6  | Pratika - copper                           | 78 x 98                     | 1 pz  |     |
| PKR12 | Pratika - copper                           | 90 x 50                     | 1 pz  |     |
| PKR7  | Pratika - copper                           | 98 x 55                     | 1 pz  |     |
| PKRL1 | Pratika - copper with lateral open         | 49 x 76                     | 1 pz  |     |
| PKRL8 | Pratika - copper with lateral open         | 74 x 80                     | 1 pz  |     |

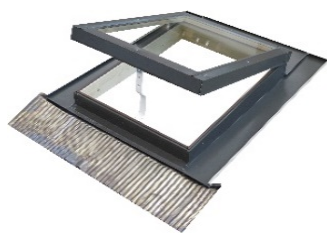
| code                                                  | description                                                      | €/pz |
|-------------------------------------------------------|------------------------------------------------------------------|------|
| PL                                                    | For lateral opening where not included<br>(excluded PK4 and PK7) |      |
| Lateral opening suggested for 15° - 55° maximum slope |                                                                  |      |

## ACCESSORI PRATIKA E PRATIKA PLUS

| cod. | description                         | measure | conf. | €/pz |
|------|-------------------------------------|---------|-------|------|
| EB   | Remote manual control               | -       | 1 pz  |      |
| SB   | Window's motor for automatic system | -       | 1 pz  |      |



# Windows



## PRATIKA WITH SAFETY REINFORCED GLASS

High quality skylight for uninhabited attics

Fir interior wood

Glazing unit 3+3-6-4

Steel handle that allows 3 opening positions

UV resistant cladding made from coated aluminum for long-term performance.

On request Pratika can be painted in all colours

## PRATIKA PLUS WITH SAFETY REINFORCED GLASS CEE

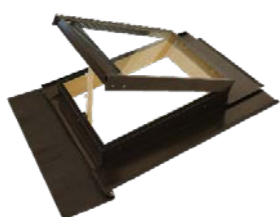
| code   | description                                | external frame cm bxh | conf. | €/p |
|--------|--------------------------------------------|-----------------------|-------|-----|
| PKS3   | Pratika - aluminum varnished RAL 7022      | 45 x 55               | 1 pz  |     |
| PKS1   | Pratika - aluminum varnished RAL 7022      | 45 x 80               | 1 pz  |     |
| PKS10  | Pratika - aluminum varnished RAL 7022      | 50 x 70               | 1 pz  |     |
| PKS11  | Pratika - aluminum varnished RAL 7022      | 50 x 90               | 1 pz  |     |
| PKS2   | Pratika - aluminum varnished RAL 7022      | 55 x 70               | 1 pz  |     |
| PKS5   | Pratika - aluminum varnished RAL 7022      | 55 x 98               | 1 pz  |     |
| PKS8   | Pratika - aluminum varnished RAL 7022      | 74 x 80               | 1 pz  |     |
| PKS4   | Pratika - aluminum varnished RAL 7022      | 80 x 45               | 1 pz  |     |
| PKS6   | Pratika - aluminum varnished RAL 7022      | 78 x 98               | 1 pz  |     |
| PKS12  | Pratika - aluminum varnished RAL 7022      | 90 x 50               | 1 pz  |     |
| PKS7   | Pratika - aluminum varnished RAL 7022      | 98 x 55               | 1 pz  |     |
| PKLS1  | Pratika - alum. varn. Ral7022 lateral open | 49 x 76               | 1 pz  |     |
| PKLS8  | Pratika - alum. varn. Ral7022 lateral open | 74 x 80               | 1 pz  |     |
| PKRS3  | Pratika - copper                           | 45 x 55               | 1 pz  |     |
| PKRS1  | Pratika - copper                           | 45 x 80               | 1 pz  |     |
| PKRS10 | Pratika - copper                           | 50 x 70               | 1 pz  |     |
| PKRS11 | Pratika - copper                           | 50 x 90               | 1 pz  |     |
| PKRS2  | Pratika - copper                           | 55 x 70               | 1 pz  |     |
| PKRS5  | Pratika - copper                           | 55 x 98               | 1 pz  |     |
| PKRS8  | Pratika - copper                           | 74 x 80               | 1 pz  |     |
| PKRS4  | Pratika - copper                           | 80 x 45               | 1 pz  |     |
| PKRS6  | Pratika - copper                           | 78 x 98               | 1 pz  |     |
| PKRS12 | Pratika - copper                           | 90 x 50               | 1 pz  |     |
| PKRS7  | Pratika - copper                           | 98 x 55               | 1 pz  |     |
| PKLRS1 | Pratika - copper with lateral open         | 49 x 76               | 1 pz  |     |
| PKLRS8 | Pratika - copper with lateral open         | 74 x 80               | 1 pz  |     |

## BLIND FOR PRATIKA AND PRATIKA PLUS (COLOR BEIGE)

| code   | description          | external frame cm bxh | conf. | €/p |
|--------|----------------------|-----------------------|-------|-----|
| TFPK3  | Shading roller blind | 45 x 55               | 1 pz  |     |
| TFPK1  | Shading roller blind | 45 x 80               | 1 pz  |     |
| TFPK10 | Shading roller blind | 50 x 70               | 1 pz  |     |
| TFPK11 | Shading roller blind | 50 x 90               | 1 pz  |     |
| TFPK2  | Shading roller blind | 55 x 70               | 1 pz  |     |
| TFPK5  | Shading roller blind | 55 x 98               | 1 pz  |     |
| TFPK8  | Shading roller blind | 74 x 80               | 1 pz  |     |
| TFPK4  | Shading roller blind | 80 x 45               | 1 pz  |     |
| TFPK6  | Shading roller blind | 78 x 98               | 1 pz  |     |
| TFPK12 | Shading roller blind | 90 x 50               | 1 pz  |     |
| TFPK7  | Shading roller blind | 98 x 55               | 1 pz  |     |
| TFPKL1 | Shading roller blind | 49 x 76               | 1 pz  |     |



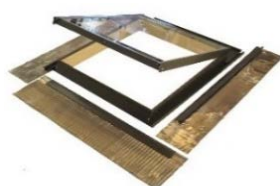
# SKYLIGHTS



SIMPLY



KFPLL



KPL

## TEMPERED GLASS SKYLIGHTS

| code     | description                                                                  | external frame cm<br>bxh | conf. | €/p |
|----------|------------------------------------------------------------------------------|--------------------------|-------|-----|
| SIMPLYAT | Tempered glass - brown varnished stainless steel - aluminum frontal flashing | 45x60                    | 1 pz  |     |
| SIMPLYAM | Tempered glass - red varnished stainless steel - aluminum frontal flashing   | 45x60                    | 1 pz  |     |
| KFPL     | Temp. glass - brown varnished aluminum - lead flashing                       | 74x80                    | 1 pz  |     |
| KFPLL    | As the above but with lateral opening                                        | 74x80                    | 1 pz  |     |
| KFRL     | Tempered glass - copper - lead frontal flashing                              | 74x80                    | 1 pz  |     |
| KPL      | Tempered glass. - brown aluminum - lead on 3 sides                           | 74x80                    | 1 pz  |     |
| KPLL     | As the above but with lateral opening                                        | 74x80                    | 1 pz  |     |
| KRL      | Tempered glass - copper - lead on 3 sides                                    | 74x80                    | 1 pz  |     |
| KP       | Tempered glass - brown aluminum - lead on 3 sides                            | 50x60                    | 1 pz  |     |
| KR       | Tempered glass - copper - lead on 3 sides                                    | 50x60                    | 1 pz  |     |
| K0       | Tempered glass (spare part 45x60)                                            | 45x60                    | 1 pz  |     |
| K4       | Tempered glass (spare part 50x60)                                            | 50x60                    | 1 pz  |     |
| K5       | Tempered glass (spare part 74x80)                                            | 74x80                    | 1 pz  |     |

**Characteristics:** tempered glass 4 mm and preassembled top flahing for all types of roof  
Premium fir wood frame

## JOKER

| code | description                                       | external frame cm<br>bxh | conf. | €/p |
|------|---------------------------------------------------|--------------------------|-------|-----|
| JEU  | Joker with cupola - brown varnished steel         | 45 x 60                  | 1 pz  |     |
| JVU  | Joker with wired glass - brown varnished steel    | 45 x 60                  | 1 pz  |     |
| JTU  | Joker with tempered glass - brown varnished steel | 45 x 60                  | 1 pz  |     |
| JERP | Joker with cupola - copper                        | 45 x 60                  | 1 pz  |     |
| JVRP | Joker with wired glass - copper                   | 45 x 60                  | 1 pz  |     |
| JTRP | Joker with tempered glass - copper                | 45 x 60                  | 1 pz  |     |

**Characteristics:** Preassembled top flashing for all types of roof.



JEU

## UNIKO (skylight for maximum insulation) €€

| code  | description                     | external frame cm<br>bxh | conf. | €/p |
|-------|---------------------------------|--------------------------|-------|-----|
| UNIKO | Skylight for maximum insulation | 74x80                    | 1     |     |

**Characteristics:** glazing unit 4 low emission-15argon-4tempered external (thickness 23 mm)  
Ug: 1,1 great for top insulation for uninhabited attics. Premium fir wood frame.  
Brown aluminum covered frame.



UNIKO

# 45x60 SKYLIGHTS

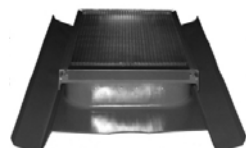
Made for different roof types (standard tile, flat roof, Portuguese tile, Dutch tile, cement tile, french tile)



standard tile



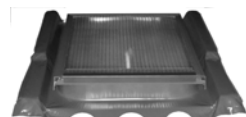
flat roof



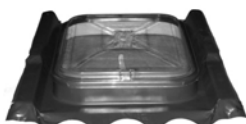
Portuguese tile



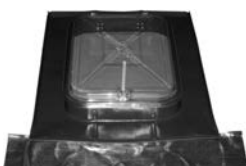
Dutch tile



Cement tile



French tile



Frontal lead



Lead on 3 sides

## CUPOLA SKYLIGHTS

| code   | description                                                      | light meas.<br>cm b x h | conf. | €/p |
|--------|------------------------------------------------------------------|-------------------------|-------|-----|
| KER    | Skylight with cupola - copper                                    | 45 x 60                 | 1 pz  |     |
| KEP    | Skylight with cupola - brown varnished steel                     | 45 x 60                 | 1 pz  |     |
| KEU    | Skylight with cupola - brown varnished steel - lead top flashing | 45 x 60                 | 1 pz  |     |
| KEU3L  | Skylight with cupola - brown varnished steel - lead on 3 sides   | 45 x 60                 | 1 pz  |     |
| KERP   | Skylight with cupola - copper - lead top flashing                | 45 x 60                 | 1 pz  |     |
| KERP3L | Skylight with cupola - copper - lead on 3 sides                  | 45 x 60                 | 1 pz  |     |

## WIRED GLASS SKYLIGHTS

| code   | description                                                       | light meas.<br>cm b x h | conf. | €/p |
|--------|-------------------------------------------------------------------|-------------------------|-------|-----|
| KVR    | Skylight with wired glass - copper                                | 45 x 60                 | 1 pz  |     |
| KVP    | Skylight with wired glass - varnished steel                       | 45 x 60                 | 1 pz  |     |
| KVU    | Lucernario with wired glass - varnished steel - lead top flashing | 45 x 60                 | 1 pz  |     |
| KVU3L  | Lucernario with wired glass - varnished steel - lead on 3 sides   | 45 x 60                 | 1 pz  |     |
| KVRP   | Lucernario with wired glass - copper - lead top flashing          | 45 x 60                 | 1 pz  |     |
| KVRP3L | Lucernario with wired glass - copper - lead on 3 sides            | 45 x 60                 | 1 pz  |     |

## TEMPERED GLASS SKYLIGHTS

| code   | description                                                              | light meas.<br>cm b x h | conf. | €/p |
|--------|--------------------------------------------------------------------------|-------------------------|-------|-----|
| KTR    | Skylight with tempered glass - copper                                    | 45 x 60                 | 1 pz  |     |
| KTP    | Skylight with tempered glass - brown varnished steel                     | 45 x 60                 | 1 pz  |     |
| KTUP   | Skylight with tempered glass - brown varnished steel - lead top flashing | 45 x 60                 | 1 pz  |     |
| KTUP3L | Skylight with tempered glass - brown varnished steel - lead on 3 sides   | 45 x 60                 | 1 pz  |     |
| KTRP   | Skylight with tempered glass - copper - lead top flashing                | 45 x 60                 | 1 pz  |     |
| KTRP3L | Skylight with tempered glass - copper - lead on 3 sides                  | 45 x 60                 | 1 pz  |     |

## SPARE PARTS FOR 45X60 SKYLIGHTS AND JOKERS

| code      | description                                      | light meas.<br>cm b x h | conf. | €/p |
|-----------|--------------------------------------------------|-------------------------|-------|-----|
| K2E       | Cupola                                           | 45 x 60                 | 1 pz  |     |
| K0 K3     | Tempered glass                                   | 45 x 60                 | 1 pz  |     |
| K20-K30   | Varnished steel frame with tempered/wired glass  | 45 x 60                 | 1 pz  |     |
| K20R-K30R | Varnished copper frame with tempered/wired glass | 45 x 60                 | 1 pz  |     |

**Caratteristiche:** can be varnished with the following colours

 brown  red  copper

# Ridge caps and flashing rolls



## RIGID ALUMINUM AND LEAD RIDGE CAP

| code    | description                                             | meas. cm | conf. | €/ml |
|---------|---------------------------------------------------------|----------|-------|------|
| SCAP125 | Ridge cap - rigid aluminum and adjustable lead on sides |          | 15 m  |      |
|         | length                                                  | 104      |       |      |
|         | aluminum width                                          | 17       |       |      |
|         | lead width                                              | 14x2     |       |      |



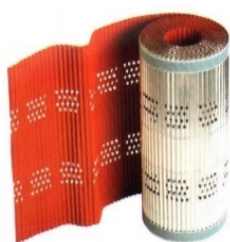
## RIGID STEEL AND LEAD RIDGE CAP

| code    | description                           | meas. cm | conf. | €/ml |
|---------|---------------------------------------|----------|-------|------|
| SCZ2000 | Ridge cap - steel and adjustable lead |          | 12 m  |      |
|         | length                                | 200      |       |      |
|         | total width                           | 40       |       |      |
|         | lead width                            | 14x2     |       |      |



## ALUMINUM AND TEXTILE RIDGE CAP ROLL

| code  | description                           | meas. cm | conf. | €/ml |
|-------|---------------------------------------|----------|-------|------|
| SCRAB | Ridge cap roll - aluminum and textile |          | 30 m  |      |
|       | roll length                           | 500      |       |      |
|       | central part width                    | 19       |       |      |
|       | aluminum width                        | 10x2     |       |      |
|       | total width                           | 39       |       |      |



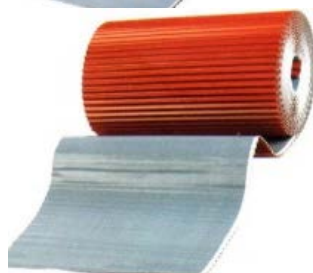
## ALUMINUM RIDGE CAP ROLL

| code  | description                | meas. cm | conf. | €/ml |
|-------|----------------------------|----------|-------|------|
| SCRAV | Ventilated roll - aluminum |          | 20 m  |      |
|       | roll length                | 500      |       |      |
|       | total width                | 40       |       |      |



## LEAD AND BUTYL FLASHING ROLL

| code  | description                  | meas. cm | conf. | €/ml |
|-------|------------------------------|----------|-------|------|
| RACPB | Lead and butyl flashing roll |          | 5 m   |      |
|       | roll length                  | 500      |       |      |
|       | total width                  | 30       |       |      |



## ALUMINUM AND BUTYL FLASHING ROLL

| code  | description                      | meas. cm | conf. | €/ml |
|-------|----------------------------------|----------|-------|------|
| RACAB | Aluminum and butyl flashing roll |          | 10 m  |      |
|       | roll length                      | 500      |       |      |
|       | total width                      | 30       |       |      |

# Lath holders, roof tile hooks and snowguards



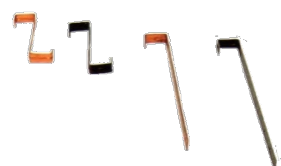
## LATH HOLDER

| code      | description                     | meas. Cm | conf. | €/p |
|-----------|---------------------------------|----------|-------|-----|
| PORTALIST | Lath holder - zinc-coated steel |          | 50 pz |     |
|           | height                          | 17       |       |     |
|           | width                           | 5        |       |     |



## ROOF TILE HOOKS

| code    | description                               | meas. Cm   | conf.  | €/p |
|---------|-------------------------------------------|------------|--------|-----|
| FCOLMOS | Roof tile hooks - coated aluminum         | 1,9 x 0,15 | 250 pz |     |
| FCOLMOQ | Squared Roof tile hooks - coated aluminum | 1,9 x 0,15 | 250 pz |     |
| FCOLMOT | Round Roof tile hooks - coated aluminum   | 1,9 x 0,15 | 250 pz |     |



## ROOF TILE HOOKS

| code      | description                       | meas. Cm | conf.  | €/p |
|-----------|-----------------------------------|----------|--------|-----|
| COPR20020 | Tile hook - copper                | 20x2     | 250pz  |     |
| COPR20025 | Tile hook - copper                | 20x2,5   | 250pz  |     |
| COPR9020  | Tile hook - copper                | 9x2      | 1000pz |     |
| COPR9025  | Tile hook - copper                | 9x2,5    | 1000pz |     |
| COPT20020 | Tile hook - brown varnished steel | 20x2     | 250pz  |     |
| COPT20025 | Tile hook - brown varnished steel | 20x2,5   | 250pz  |     |
| COPT9020  | Tile hook - brown varnished steel | 9x2      | 1000pz |     |
| COPT9025  | Tile hook - brown varnished steel | 9x2,5    | 1000pz |     |



## SNOWGUARD

| code     | description                                      | meas. Cm | conf. | €/p |
|----------|--------------------------------------------------|----------|-------|-----|
| FNCR     | Snowguard for roof tile - copper                 | -        | 200pz |     |
| FNCT     | Snowguard for roof tile - brown varnished steel  | -        | 200pz |     |
| FNTCR626 | Snowguard for cement roof tile - copper          | 6x26     | 50pz  |     |
| FNTCT626 | Snowguard for cement roof tile - brown steel     | 6x26     | 50pz  |     |
| FNTCT833 | Snowguard for cement roof tile - brown steel     | 8x33     | 50pz  |     |
| FNTMR626 | Snowguard for Marseilles roof tile - copper      | 6x26     | 50pz  |     |
| FNTMT626 | Snowguard for Marseilles roof tile - brown steel | 6x26     | 50pz  |     |
| FNTMT833 | Snowguard for Marseilles roof tile - brown steel | 8x33     | 50pz  |     |
| FNTPR626 | Snowguard for Portuguese roof tile - copper      | 6x26     | 50pz  |     |
| FNTPT626 | Snowguard for Portuguese roof tile - brown steel | 6x26     | 50pz  |     |
| FNTPT833 | Snowguard for Portuguese roof tile - brown steel | 8x33     | 50pz  |     |

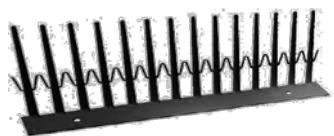
For tile in Cement,  
Portuguese, Marseilles

**Caratteristiche:** il fermeneve dipende dal tipo di copertura. In acciaio t.moro o rame.



# Needle and sparrow guards

## NEEDLE GUARDS FOR BIRDS



| code    | description                    | measures cm | conf. | €/ml |
|---------|--------------------------------|-------------|-------|------|
| PASP110 | Needle guards - <b>plastic</b> |             | 200 m |      |
|         | length                         | 100         |       |      |
|         | base width                     | 2,6         |       |      |
|         | height                         | 10,2        |       |      |



|         |                                       |     |      |  |
|---------|---------------------------------------|-----|------|--|
| PAST110 | Needle guards - brown varnished steel |     | 50 m |  |
|         | length                                | 100 |      |  |
|         | base width                            | 2,5 |      |  |
|         | height                                | 11  |      |  |



|         |                        |     |      |  |
|---------|------------------------|-----|------|--|
| PASR110 | Needle guards - copper |     | 50 m |  |
|         | length                 | 100 |      |  |
|         | base width             | 2,5 |      |  |
|         | height                 | 11  |      |  |

## BENT SPARROW GUARDS



| code   | description                                | measures cm | conf. | €/ml |
|--------|--------------------------------------------|-------------|-------|------|
| PUNTAT | Bent sparrow guard - brown varnished steel |             | 50 m  |      |
|        | length                                     | 100         |       |      |
|        | base width                                 | 2,5         |       |      |
|        | height                                     | 4           |       |      |



|        |                             |     |      |  |
|--------|-----------------------------|-----|------|--|
| PUNTAR | Bent sparrow guard - copper |     | 50 m |  |
|        | length                      | 100 |      |  |
|        | base width                  | 2,5 |      |  |
|        | height                      | 4   |      |  |

# Needle guards

## NEEDLE GUARDS FOR BIRDS



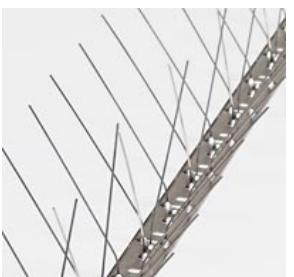
| code  | description                                                         | meas.  | conf. | €/ml |
|-------|---------------------------------------------------------------------|--------|-------|------|
| DISPI | Needle guard for birds - polycarbonate anti UV with stainless steel |        | 25 m  |      |
|       | length                                                              | cm 50  |       |      |
|       | height                                                              | cm 10  |       |      |
|       | coverage                                                            | cm 10  |       |      |
|       | needle base diameter                                                | mm 1,2 |       |      |
|       | fixing holes diameter                                               | mm 4   |       |      |



| code    | description                                                               | meas.  | conf. | €/ml |
|---------|---------------------------------------------------------------------------|--------|-------|------|
| DISIR80 | Needle guard for birds - steel rigid base with 80 stainless steel needles |        | 25 m  |      |
|         | length                                                                    | m 1    |       |      |
|         | height                                                                    | cm 10  |       |      |
|         | coverage                                                                  | cm 10  |       |      |
|         | needle base diameter                                                      | mm 1,3 |       |      |
|         | fixing holes diameter                                                     | mm 5   |       |      |



| code    | description                                                               | meas.  | conf. | €/ml |
|---------|---------------------------------------------------------------------------|--------|-------|------|
| DISIR60 | Needle guard for birds - steel rigid base with 60 stainless steel needles |        | 25 m  |      |
|         | length                                                                    | m 1    |       |      |
|         | height                                                                    | cm 10  |       |      |
|         | coverage                                                                  | cm 10  |       |      |
|         | needle base diameter                                                      | mm 1,3 |       |      |
|         | fixing holes diameter                                                     | mm 5   |       |      |



| code    | description                                                                  | meas.  | conf. | €/ml |
|---------|------------------------------------------------------------------------------|--------|-------|------|
| DISIF80 | Needle guard for birds - steel flexible base with 80 stainless steel needles |        | 25 m  |      |
|         | length                                                                       | m 1    |       |      |
|         | height                                                                       | cm 10  |       |      |
|         | coverage                                                                     | cm 10  |       |      |
|         | needle base diameter                                                         | mm 1,2 |       |      |
|         | fixing holes diameter                                                        | mm 5   |       |      |



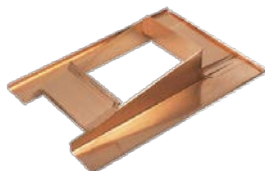
| code    | description                                                                  | meas.  | conf. | €/ml |
|---------|------------------------------------------------------------------------------|--------|-------|------|
| DISIF60 | Needle guard for birds - steel flexible base with 60 stainless steel needles |        | 25 m  |      |
|         | length                                                                       | m 1    |       |      |
|         | height                                                                       | cm 10  |       |      |
|         | coverage                                                                     | cm 10  |       |      |
|         | needle base diameter                                                         | mm 1,2 |       |      |
|         | fixing holes diameter                                                        | mm 5   |       |      |

# Flashings

Available for shingle or tile



Adjustable on 2 sides,  
zinc-coated steel



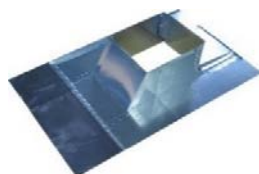
Adjustable on 2 sides,  
copper



Adjustable on 2 sides,  
copper and lead on sides

## FLASHINGS ADJUSTABLE ON 2 SIDES

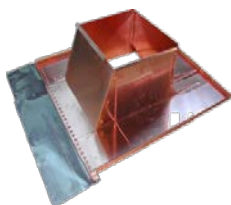
| code | description                                            | meas. cm | conf. | €/p |
|------|--------------------------------------------------------|----------|-------|-----|
| 5118 | Adjustable on 2 sides - zinc-coated steel              | 18 - 30  | 1 pz  |     |
| 5130 | Adjustable on 2 sides - zinc-coated steel              | 30 - 50  | 1 pz  |     |
| 5150 | Adjustable on 2 sides - zinc-coated steel              | 50 - 80  | 1 pz  |     |
| 5218 | Adjustable on 2 sides - brown varnished steel          | 18 - 30  | 1 pz  |     |
| 5230 | Adjustable on 2 sides - brown varnished steel          | 30 - 50  | 1 pz  |     |
| 5250 | Adjustable on 2 sides - brown varnished steel          | 50 - 80  | 1 pz  |     |
| 5318 | Adjustable on 2 sides - brown varnished copper         | 18 - 30  | 1 pz  |     |
| 5330 | Adjustable on 2 sides - brown varnished copper         | 30 - 50  | 1 pz  |     |
| 5350 | Adjustable on 2 sides - brown varnished copper         | 50 - 80  | 1 pz  |     |
| 5518 | Adjustable on 2 sides - copper, lead on sides          | 18 - 30  | 4 pz  |     |
| 5530 | Adjustable on 2 sides - copper, lead on sides          | 30 - 50  | 4 pz  |     |
| 5550 | Adjustable on 2 sides - copper, lead on sides          | 50 - 80  | 4 pz  |     |
| 5618 | Adj. on 2 sides - brown varnished copper, lateral lead | 18 - 30  | 4 pz  |     |
| 5630 | Adj. on 2 sides - brown varnished copper, lateral lead | 30 - 50  | 4 pz  |     |
| 5650 | Adj. on 2 sides - brown varnished copper, lateral lead | 50 - 80  | 4 pz  |     |



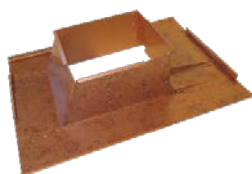
Adjustable on 4 sides,  
zinc-coated steel with  
lead top



Adjustable on 4 sides,  
copper



Adjustable on 4 sides,  
copper with lead top



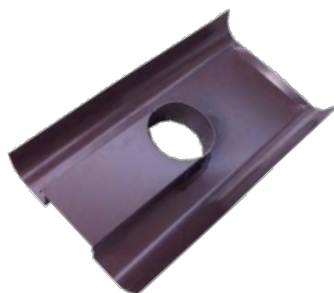
Adj. on 4 sides, copper  
varnished aluminum

## FLASHINGS ADJUSTABLE ON 4 SIDES

| code    | description                                               | meas. cm   | conf. | €/p |
|---------|-----------------------------------------------------------|------------|-------|-----|
| 6118    | Adjustable on 4 sides - zinc-coated steel                 | 18 - 30    | 6 pz  |     |
| 6130    | Adjustable on 4 sides - zinc-coated steel                 | 30 - 50    | 6 pz  |     |
| 6150    | Adjustable on 4 sides - zinc-coated steel                 | 50 - 80    | 6 pz  |     |
| 6218    | Adjustable on 4 sides - brown varnished steel             | 18 - 30    | 6 pz  |     |
| 6230    | Adjustable on 4 sides - brown varnished steel             | 30 - 50    | 6 pz  |     |
| 6250    | Adjustable on 4 sides - brown varnished steel             | 50 - 80    | 6 pz  |     |
| 6318    | Adjustable on 4 sides - copper                            | 18 - 30    | 6 pz  |     |
| 6330    | Adjustable on 4 sides - copper                            | 30 - 50    | 6 pz  |     |
| 6350    | Adjustable on 4 sides - copper                            | 50 - 80    | 6 pz  |     |
| 6418    | Adjustable on 4 sides - zinc-coated steel, lead at front  | 18 - 30    | 6 pz  |     |
| 6430    | Adjustable on 4 sides - zinc-coated steel, lead at front  | 30 - 50    | 6 pz  |     |
| 6450    | Adjustable on 4 sides - zinc-coated steel, lead at front  | 50 - 80    | 6 pz  |     |
| 6518    | Adjustable on 4 sides - copper, lead at front             | 18 - 30    | 6 pz  |     |
| 6530    | Adjustable on 4 sides - copper, lead at front             | 30 - 50    | 6 pz  |     |
| 6550    | Adjustable on 4 sides - copper, lead at front             | 50 - 80    | 6 pz  |     |
| 6618    | Adjustable on 4 sides - brown varnished steel, lead top   | 18 - 30    | 6 pz  |     |
| 6630    | Adjustable on 4 sides - brown varnished steel, lead top   | 30 - 50    | 6 pz  |     |
| 6650    | Adjustable on 4 sides - brown varnished steel, lead top   | 50 - 80    | 6 pz  |     |
| 6AR118  | Adjustable on 4 sides - copper varnished aluminum         | da 18 a 30 | 6 pz  |     |
| 6AR130  | Adjustable on 4 sides - copper varnished aluminum         | da 30 a 50 | 6 pz  |     |
| 6AR150  | Adjustable on 4 sides - copper varnished aluminum         | da 50 a 80 | 6 pz  |     |
| 6AR2185 | Adj. on 4 sides - copper varnished aluminum, lateral lead | da 18 a 30 | 6 pz  |     |
| 6AR230  | Adj. on 4 sides - copper varnished aluminum, lateral lead | da 30 a 50 | 6 pz  |     |
| 6AR250  | Adj. on 4 sides - copper varnished aluminum, lateral lead | da 50 a 80 | 6 pz  |     |

# Circular flashings

Available for shingle or tile



Fixed circular brown steel



Fixed circular copper



Adjustable circular, copper

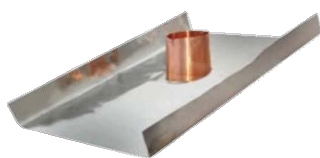
## FIXED CIRCULAR FLASHING

| code | description                            | diameter<br>cm | conf. | €/p |
|------|----------------------------------------|----------------|-------|-----|
| 7210 | Fixed circular - brown varnished steel | 10             | 1 pz  |     |
| 7212 | Fixed circular - brown varnished steel | 12             | 1 pz  |     |
| 7214 | Fixed circular - brown varnished steel | 14             | 1 pz  |     |
| 7217 | Fixed circular - brown varnished steel | 17             | 1 pz  |     |
| 7220 | Fixed circular - brown varnished steel | 20             | 1 pz  |     |
| 7222 | Fixed circular - brown varnished steel | 22             | 1 pz  |     |
| 7310 | Fixed circular - copper                | 10             | 1 pz  |     |
| 7312 | Fixed circular - copper                | 12             | 1 pz  |     |
| 7314 | Fixed circular - copper                | 14             | 1 pz  |     |
| 7317 | Fixed circular - copper                | 17             | 1 pz  |     |
| 7320 | Fixed circular - copper                | 20             | 1 pz  |     |
| 7322 | Fixed circular - copper                | 22             | 1 pz  |     |

## ADJUSTABLE CIRCULAR FLASHINGS

| code   | description                                 | diameter<br>cm | conf. | €/p |
|--------|---------------------------------------------|----------------|-------|-----|
| CONT6  | Adjustable circular - brown varnished steel | 6              | 1 pz  |     |
| CONT14 | Adjustable circular - brown varnished steel | 8 - 14         | 1 pz  |     |
| CONT21 | Adjustable circular - brown varnished steel | 14 - 21        | 1 pz  |     |
| CONR6  | Adjustable circular - copper                | 6              | 1 pz  |     |
| CONR14 | Adjustable circular - copper                | 8 - 14         | 1 pz  |     |
| CONR21 | Adjustable circular - copper                | 14 - 21        | 1 pz  |     |

## CIRCULAR FLASHINGS FOR SMOKE FLUES



Circular flashing for smoke flues

| code     | description                                                        | diameter<br>cm | conf. | €/p |
|----------|--------------------------------------------------------------------|----------------|-------|-----|
| CONPFR8  | Flashing with copper neck, lead base, for smoke flues. Base50x50cm | 8              | 1 pz  |     |
| CONPFR10 | Flashing with copper neck, lead base, for smoke flues. Base50x50cm | 10             | 1 pz  |     |
| CONPFR12 | Flashing with copper neck, lead base, for smoke flues. Base50x50cm | 12             | 1 pz  |     |
| CONPFR14 | Flashing with copper neck, lead base, for smoke flues. Base60x50cm | 14             | 1 pz  |     |
| CONPFR16 | Flashing with copper neck, lead base, for smoke flues. Base60x50cm | 16             | 1 pz  |     |
| CONPFR18 | Flashing with copper neck, lead base, for smoke flues. Base70x60cm | 18             | 1 pz  |     |
| CONPFR20 | Flashing with copper neck, lead base, for smoke flues. Base70x60cm | 20             | 1 pz  |     |
| CONPFR22 | Flashing with copper neck, lead base, for smoke flues. Base70x60cm | 22             | 1 pz  |     |



# Circular flashings for smoke flues



Tonda a pendenza variabile con imbocco in rame e base in piombo



Conversa in alluminio T.Moro regolabile con faldale rialzato in alluminio plissettato sagomabile. Comprende fascia butilica per adesivare alla tegola



Lead base, copper smoke flue

## ADJUSTABLE CIRCULAR FLASHINGS FOR SMOKE FLUES

| code     | description                                                         | diameter<br>cm | conf. | €/p |
|----------|---------------------------------------------------------------------|----------------|-------|-----|
| CONPVR8  | Flashing with copper neck, lead base, for smoke flues. Base 50x50cm | 8              | 1 pz  |     |
| CONPVR10 | Flashing with copper neck, lead base, for smoke flues. Base 50x50cm | 10             | 1 pz  |     |
| CONPVR12 | Flashing with copper neck, lead base, for smoke flues. Base 50x50cm | 12             | 1 pz  |     |
| CONPVR14 | Flashing with copper neck, lead base, for smoke flues. Base 70x60cm | 14             | 1 pz  |     |
| CONPVR16 | Flashing with copper neck, lead base, for smoke flues. Base 70x60cm | 16             | 1 pz  |     |

## CIRCULAR ALUMINUM FLASHING

| code     | description                                                         | diameter<br>cm | conf. | €/p |
|----------|---------------------------------------------------------------------|----------------|-------|-----|
| CONTAL6  | Adjustable brown varnished aluminum flashing with aluminum at front | 6 - 8          | 1 pz  |     |
| CONTAL14 | Adjustable brown varnished aluminum flashing with aluminum at front | 9 - 14         | 1 pz  |     |
| CONTAL20 | Adjustable brown varnished aluminum flashing with aluminum at front | 15 - 20        | 1 pz  |     |
| CONTAL26 | Adjustable brown varnished aluminum flashing with aluminum at front | 21 - 26        | 1 pz  |     |
| CONTAL31 | Adjustable brown varnished aluminum flashing with aluminum at front | 27 - 31        | 1 pz  |     |

## PINOCCHIO: SMOKE FLUE WITH FLASHING READY TO BE INSTALLED ON THE ROOF

| code    | description                                                               | diameter<br>cm | conf. | €/p |
|---------|---------------------------------------------------------------------------|----------------|-------|-----|
| PIN12B  | Lead base, copper smoke flue, height cm30, base cm 50x50, thickness 10/10 | 12             | 2 pz  |     |
| PIN16B  | Lead base, copper smoke flue, height cm30, base cm 60x50, thickness 10/10 | 16             | 2 pz  |     |
| PIN20B  | Lead base, copper smoke flue, height cm30, base cm 70x60, thickness 10/10 | 20             | 1 pz  |     |
| PIN12AB | Lead base, copper smoke flue, height cm30, base cm 50x50, thickness 10/10 | 12             | 2 pz  |     |
| PIN16AB | Lead base, copper smoke flue, height cm30, base cm 60x50, thickness 10/10 | 16             | 2 pz  |     |
| PIN20AB | Lead base, copper smoke flue, height cm30, base cm 70x60, thickness 10/10 | 20             | 1 pz  |     |
| PIN12   | Lead base, copper smoke flue, height cm45, base cm 50x60, thickness 10/10 | 12             | 2 pz  |     |
| PIN16   | Lead base, copper smoke flue, height cm45, base cm 60x70, thickness 10/10 | 16             | 2 pz  |     |
| PIN20   | Lead base, copper smoke flue, height cm45, base cm 60x70, thickness 10/10 | 20             | 1 pz  |     |
| PIN12A  | Lead base, copper smoke flue, height cm45, base cm 50x60, thickness 10/10 | 12             | 2 pz  |     |
| PIN16A  | Lead base, copper smoke flue, height cm45, base cm 60x70, thickness 10/10 | 16             | 2 pz  |     |
| PIN20A  | Lead base, copper smoke flue, height cm45, base cm 60x70, thickness 10/10 | 20             | 1 pz  |     |

# Smoke flues



## SMOKE FLUES 3C, FOR HIGH TEMPERATURES

| code    | description                                  | diameter<br>cm | conf. | €/p<br>copper | €/p<br>alum |
|---------|----------------------------------------------|----------------|-------|---------------|-------------|
| FUM3C8  | Available in copper or aluminum Height 45 cm | 8              | 1 pz  |               |             |
| FUM3C10 | Available in copper or aluminum Height 45 cm | 10             | 1 pz  |               |             |
| FUM3C12 | Available in copper or aluminum Height 45 cm | 12             | 1 pz  |               |             |
| FUM3C14 | Available in copper or aluminum Height 45 cm | 14             | 1 pz  |               |             |
| FUM3C16 | Available in copper or aluminum Height 45 cm | 16             | 1 pz  |               |             |
| FUM3C18 | Available in copper or aluminum Height 45 cm | 18             | 1 pz  |               |             |
| FUM3C20 | Available in copper or aluminum Height 45 cm | 20             | 1 pz  |               |             |
| FUM3C22 | Available in copper or aluminum Height 45 cm | 22             | 1 pz  |               |             |
| FUM3C25 | Available in copper or aluminum Height 45 cm | 25             | 1 pz  |               |             |
| FUM3C30 | Available in copper or aluminum Height 45 cm | 30             | 1 pz  |               |             |



## LOOPS SMOKE FLUES

| code    | description                                  | diameter<br>cm | conf. | €/p<br>copper | €/p<br>alum |
|---------|----------------------------------------------|----------------|-------|---------------|-------------|
| FUMAS8  | Available in copper or aluminum Height 37 cm | 8              | 1 pz  |               |             |
| FUMAS10 | Available in copper or aluminum Height 37 cm | 10             | 1 pz  |               |             |
| FUMAS12 | Available in copper or aluminum Height 37 cm | 12             | 1 pz  |               |             |
| FUMAS14 | Available in copper or aluminum Height 37 cm | 14             | 1 pz  |               |             |
| FUMAS16 | Available in copper or aluminum Height 37 cm | 16             | 1 pz  |               |             |
| FUMAS18 | Available in copper or aluminum Height 37 cm | 18             | 1 pz  |               |             |
| FUMAS20 | Available in copper or aluminum Height 37 cm | 20             | 1 pz  |               |             |



## EXTRA SMOKE FLUES

| code    | description                                  | diameter<br>cm | conf. | €/p<br>copper | €/p<br>alum |
|---------|----------------------------------------------|----------------|-------|---------------|-------------|
| FUMEX8  | Available in copper or aluminum Height 45 cm | 8              | 1 pz  |               |             |
| FUMEX10 | Available in copper or aluminum Height 45 cm | 10             | 1 pz  |               |             |
| FUMEX12 | Available in copper or aluminum Height 45 cm | 12             | 1 pz  |               |             |
| FUMEX14 | Available in copper or aluminum Height 45 cm | 14             | 1 pz  |               |             |
| FUMEX16 | Available in copper or aluminum Height 45 cm | 16             | 1 pz  |               |             |
| FUMEX18 | Available in copper or aluminum Height 45 cm | 18             | 1 pz  |               |             |
| FUMEX20 | Available in copper or aluminum Height 45 cm | 20             | 1 pz  |               |             |

# Smoke flues



## SMOKE FLUES WITH NET

| code    | description                                  | diameter<br>cm | conf. | €/p<br>copper | €/p<br>alum |
|---------|----------------------------------------------|----------------|-------|---------------|-------------|
| FUMRE8  | Available in copper or aluminum Height 45 cm | 8              | 1 pz  |               |             |
| FUMRE10 | Available in copper or aluminum Height 45 cm | 10             | 1 pz  |               |             |
| FUMRE12 | Available in copper or aluminum Height 45 cm | 12             | 1 pz  |               |             |
| FUMRE14 | Available in copper or aluminum Height 45 cm | 14             | 1 pz  |               |             |
| FUMRE16 | Available in copper or aluminum Height 45 cm | 16             | 1 pz  |               |             |
| FUMRE18 | Available in copper or aluminum Height 45 cm | 18             | 1 pz  |               |             |
| FUMRE20 | Available in copper or aluminum Height 45 cm | 20             | 1 pz  |               |             |



## BASE SMOKE FLUES

| code    | description          | diameter<br>cm | conf. | €/p copper |
|---------|----------------------|----------------|-------|------------|
| FUMSE8  | Copper. Height 20 cm | 8              | 1 pz  |            |
| FUMSE10 | Copper. Height 20 cm | 10             | 1 pz  |            |
| FUMSE12 | Copper. Height 20 cm | 12             | 1 pz  |            |
| FUMSE14 | Copper. Height 20 cm | 14             | 1 pz  |            |
| FUMSE16 | Copper. Height 20 cm | 16             | 1 pz  |            |
| FUMSE18 | Copper. Height 20 cm | 18             | 1 pz  |            |
| FUMSE20 | Copper. Height 20 cm | 20             | 1 pz  |            |
| FUMSE22 | Copper. Height 20 cm | 22             | 1 pz  |            |
| FUMSE25 | Copper. Height 20 cm | 25             | 1 pz  |            |
| FUMSE30 | Copper. Height 20 cm | 30             | 1 pz  |            |



## FUMAILOLO ANTIVENTO

| code    | description                                  | diameter<br>cm | conf. | €/p<br>copper | €/p<br>alum |
|---------|----------------------------------------------|----------------|-------|---------------|-------------|
| FUMAN8  | Available in copper or aluminum Height 30 cm | 8              | 1 pz  |               |             |
| FUMAN10 | Available in copper or aluminum Height 30 cm | 10             | 1 pz  |               |             |
| FUMAN12 | Available in copper or aluminum Height 30 cm | 12             | 1 pz  |               |             |
| FUMAN14 | Available in copper or aluminum Height 30 cm | 14             | 1 pz  |               |             |
| FUMAN16 | Available in copper or aluminum Height 30 cm | 16             | 1 pz  |               |             |
| FUMAN18 | Available in copper or aluminum Height 30 cm | 18             | 1 pz  |               |             |
| FUMAN20 | Available in copper or aluminum Height 30 cm | 20             | 1 pz  |               |             |
| FUMAN22 | Available in copper or aluminum Height 30 cm | 22             | 1 pz  |               |             |
| FUMAN25 | Available in copper or aluminum Height 30 cm | 25             | 1 pz  |               |             |
| FUMAN30 | Available in copper or aluminum Height 30 cm | 30             | 1 pz  |               |             |

# Roof vent extractors



## ZINC-COATED ROOF VENT EXTRACTORS

| code | description       | diameter cm | conf. | €/p |
|------|-------------------|-------------|-------|-----|
| KZ12 | Zinc-coated steel | 12          | 1 pz  |     |
| KZ14 | Zinc coated steel | 14          | 1 pz  |     |
| KZ16 | Zinc-coated steel | 16          | 1 pz  |     |
| KZ20 | Zinc coated steel | 20          | 1 pz  |     |
| KZ25 | Zinc-coated steel | 25          | 1 pz  |     |
| KZ30 | Zinc coated steel | 30          | 1 pz  |     |

| code   | description       | diameter cm | conf. | €/p |
|--------|-------------------|-------------|-------|-----|
| KZ3232 | Zinc-coated steel | 32 x 32     | 1 pz  |     |
| KZ3242 | Zinc coated steel | 32 x 42     | 1 pz  |     |
| KZ3737 | Zinc-coated steel | 37 x 37     | 1 pz  |     |
| KZ4242 | Zinc coated steel | 42 x 42     | 1 pz  |     |
| KZ5252 | Zinc-coated steel | 52 x 52     | 1 pz  |     |



## STAINLESS STEEL ROOF VENT EXTRACTORS

| code | description         | diameter cm | conf. | €/p |
|------|---------------------|-------------|-------|-----|
| KX12 | Stainless steel 430 | 12          | 1 pz  |     |
| KX14 | Stainless steel 430 | 14          | 1 pz  |     |
| KX16 | Stainless steel 430 | 16          | 1 pz  |     |
| KX20 | Stainless steel 430 | 20          | 1 pz  |     |
| KX25 | Stainless steel 430 | 25          | 1 pz  |     |
| KX30 | Stainless steel 430 | 30          | 1 pz  |     |

| code   | description         | diameter cm | conf. | €/p |
|--------|---------------------|-------------|-------|-----|
| KX3232 | Stainless steel 430 | 32 x 32     | 1 pz  |     |
| KX3242 | Stainless steel 430 | 32 x 42     | 1 pz  |     |
| KX3737 | Stainless steel 430 | 37 x 37     | 1 pz  |     |
| KX4242 | Stainless steel 430 | 42 x 42     | 1 pz  |     |
| KX5252 | Stainless steel 430 | 52 x 52     | 1 pz  |     |

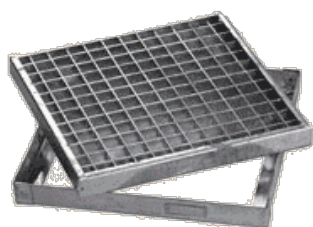


## COPPER ROOF VENT EXTRACTORS

| code | description | diameter cm | conf. | €/p |
|------|-------------|-------------|-------|-----|
| KR12 | Copper      | 12          | 1 pz  |     |
| KR14 | Copper      | 14          | 1 pz  |     |
| KR16 | Copper      | 16          | 1 pz  |     |
| KR20 | Copper      | 20          | 1 pz  |     |
| KR25 | Copper      | 25          | 1 pz  |     |
| KR30 | Copper      | 30          | 1 pz  |     |

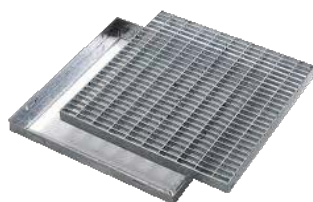
| code   | description | diameter cm | conf. | €/p |
|--------|-------------|-------------|-------|-----|
| KR3232 | Copper      | 32 x 32     | 1 pz  |     |
| KR3242 | Copper      | 32 x 42     | 1 pz  |     |
| KR3737 | Copper      | 37 x 37     | 1 pz  |     |
| KR4242 | Copper      | 42 x 42     | 1 pz  |     |
| KR5252 | Copper      | 52 x 52     | 1 pz  |     |

# Drain grates



## STEEL DRAIN GRATES

| code    | description       | meas. cm | conf. | €/p |
|---------|-------------------|----------|-------|-----|
| GR20    | Steel drain grate | 20x20x3  | 1 pz  |     |
| GR25    | Steel drain grate | 25x25x3  | 1 pz  |     |
| GR30    | Steel drain grate | 30x30x3  | 1 pz  |     |
| GR35    | Steel drain grate | 35x35x3  | 1 pz  |     |
| GR40    | Steel drain grate | 40x40x3  | 1 pz  |     |
| GR45    | Steel drain grate | 45x45x3  | 1 pz  |     |
| GR50    | Steel drain grate | 50x50x3  | 1 pz  |     |
| GR55    | Steel drain grate | 55x55x3  | 1 pz  |     |
| GR60    | Steel drain grate | 60x60x3  | 1 pz  |     |
| GR5010  | Steel drain grate | 50x10x3  | 1 pz  |     |
| GR5015  | Steel drain grate | 50x15x3  | 1 pz  |     |
| GR5020  | Steel drain grate | 50x20x3  | 1 pz  |     |
| GR5025  | Steel drain grate | 50x25x3  | 1 pz  |     |
| GR5030  | Steel drain grate | 50x30x3  | 1 pz  |     |
| GR10010 | Steel drain grate | 100x10x3 | 1 pz  |     |
| GR10015 | Steel drain grate | 100x15x3 | 1 pz  |     |
| GR10020 | Steel drain grate | 100x20x3 | 1 pz  |     |
| GR10025 | Steel drain grate | 100x25x3 | 1 pz  |     |
| GR10030 | Steel drain grate | 100x30x3 | 1 pz  |     |
| GR10040 | Steel drain grate | 100x40x3 | 1 pz  |     |
| GR10050 | Steel drain grate | 100x50x3 | 1 pz  |     |
| GR10060 | Steel drain grate | 100x60x3 | 1 pz  |     |



## ANTI HEELS STEEL DRAIN GRATES

| code      | description                 | meas. cm | conf. | €/p |
|-----------|-----------------------------|----------|-------|-----|
| GRAT24    | Antiheels steel drain grate | 25x25x3  | 1 pz  |     |
| GRAT32    | Antiheels steel drain grate | 30x30x3  | 1 pz  |     |
| GRAT42    | Antiheels steel drain grate | 40x40x3  | 1 pz  |     |
| GRAT52    | Antiheels steel drain grate | 50x50x3  | 1 pz  |     |
| GRAT10015 | Antiheels steel drain grate | 100x15x3 | 1 pz  |     |
| GRAT10020 | Antiheels steel drain grate | 100x20x3 | 1 pz  |     |
| GRAT10025 | Antiheels steel drain grate | 100x25x3 | 1 pz  |     |
| GRAT10030 | Antiheels steel drain grate | 100x30x3 | 1 pz  |     |
| GRAT10040 | Antiheels steel drain grate | 100x40x3 | 1 pz  |     |
| GRAT10050 | Antiheels steel drain grate | 100x50x3 | 1 pz  |     |
| GRAT10060 | Antiheels steel drain grate | 100x60x3 | 1 pz  |     |

Caratteristiche: complete di telaio (maglia 33x11), piatto (25x2)

## SIPHON FOR DRAIN PIPE

| code    | description      | meas. cm | conf. | €/p |
|---------|------------------|----------|-------|-----|
| SF30/35 | Propylene siphon | 25x25    | 1 pz  |     |
| SF40/45 | Propylene siphon | 35x35    | 1 pz  |     |

## DRAIN GRATES WITH SIPHON

| code  | description                                 | meas. cm | conf. | €/p |
|-------|---------------------------------------------|----------|-------|-----|
| GRS30 | Drain grate with siphon - zinc coated steel | 30x30x3  | 1 pz  |     |
| GRS35 | Drain grate with siphon - zinc coated steel | 35x35x3  | 1 pz  |     |
| GRS40 | Drain grate with siphon - zinc coated steel | 40x40x3  | 1 pz  |     |
| GRS45 | Drain grate with siphon - zinc coated steel | 45x45x3  | 1 pz  |     |



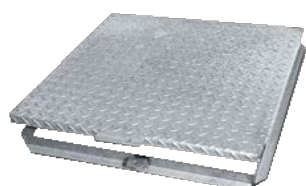


# Manhole covers



## ZINC COATED STEEL MANHOLE COVER

| code   | description                     | meas. cm | conf. | €/p |
|--------|---------------------------------|----------|-------|-----|
| CR25   | Zinc coated steel manhole cover | 25x25x5  | 1 pz  |     |
| CR30   | Zinc coated steel manhole cover | 30x30x5  | 1 pz  |     |
| CR35   | Zinc coated steel manhole cover | 35x35x5  | 1 pz  |     |
| CR45   | Zinc coated steel manhole cover | 45x45x5  | 1 pz  |     |
| CR55   | Zinc coated steel manhole cover | 55x55x5  | 1 pz  |     |
| CR65   | Zinc coated steel manhole cover | 65x65x5  | 1 pz  |     |
| CR75   | Zinc coated steel manhole cover | 75x75x5  | 1 pz  |     |
| CR85   | Zinc coated steel manhole cover | 85x85x5  | 1 pz  |     |
| CR5575 | Zinc coated steel manhole cover | 55x75x5  | 1 pz  |     |



## ZINC-COATED STEEL COVER

| code | description             | meas. cm | conf. | €/p |
|------|-------------------------|----------|-------|-----|
| G30  | Zinc-coated steel cover | 30x30    | 1 pz  |     |
| G40  | Zinc-coated steel cover | 40x40    | 1 pz  |     |
| G50  | Zinc-coated steel cover | 50x50    | 1 pz  |     |
| G60  | Zinc-coated steel cover | 60x60    | 1 pz  |     |
| G70  | Zinc-coated steel cover | 70x70    | 1 pz  |     |
| G80  | Zinc-coated steel cover | 80x80    | 1 pz  |     |



## ZINC-COATED SEAL

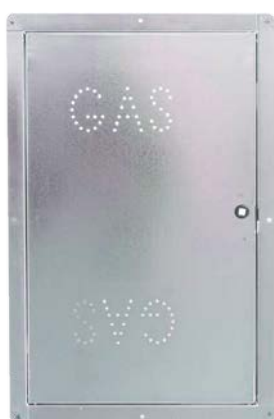
| code | description      | meas. cm | conf. | €/p |
|------|------------------|----------|-------|-----|
| S23  | Zinc-coated seal | 23x23x5  | 1 pz  |     |
| S33  | Zinc-coated seal | 33x33x5  | 1 pz  |     |
| S43  | Zinc-coated seal | 43x43x5  | 1 pz  |     |
| S53  | Zinc-coated seal | 53x53x5  | 1 pz  |     |
| S63  | Zinc-coated seal | 63x63x5  | 1 pz  |     |
| S73  | Zinc-coated seal | 73x73x5  | 1 pz  |     |



## ZINC-COATED SEAL FOR PORPHYRY

| code  | description                   | meas. cm | conf. | €/p |
|-------|-------------------------------|----------|-------|-----|
| SP30  | Zinc-coated seal for porphyry | 30x30x8  | 1 pz  |     |
| SP40  | Zinc-coated seal for prophyry | 40x40x8  | 1 pz  |     |
| SP50  | Zinc-coated seal for porphyry | 50x50x8  | 1 pz  |     |
| SP60  | Zinc-coated seal for prophyry | 60x60x8  | 1 pz  |     |
| SP70  | Zinc-coated seal for porphyry | 70x70x8  | 1 pz  |     |
| SP80  | Zinc-coated seal for porphyry | 80x80x8  | 1 pz  |     |
| SP305 | Zinc-coated seal for porphyry | 30x30x5  | 1 pz  |     |
| SP405 | Zinc-coated seal for prophyry | 40x40x5  | 1 pz  |     |
| SP505 | Zinc-coated seal for porphyry | 50x50x5  | 1 pz  |     |
| SP605 | Zinc-coated seal for prophyry | 60x60x5  | 1 pz  |     |

# GAS AND WATER BOXES



## GAS BOXES

| code  | description           | meas. cm | conf. | €/p |
|-------|-----------------------|----------|-------|-----|
| K12   | Zinc-coated steel box | 40x60x25 | 1 pz  |     |
| K12A  | Zinc-coated steel box | 40x50x25 | 1 pz  |     |
| K12C  | Zinc-coated steel box | 30x40x25 | 1 pz  |     |
| K12I  | Stainless steel box   | 40x60x25 | 1 pz  |     |
| K12AI | Stainless steel box   | 40x50x25 | 1 pz  |     |
| K12CI | Stainless steel box   | 30x40x25 | 1 pz  |     |

## GAS DOORS

| code  | description                | meas. cm | conf. | €/p |
|-------|----------------------------|----------|-------|-----|
| K13   | Zinc-coated steel gas door | 40x60    | 1 pz  |     |
| K13A  | Zinc-coated steel gas door | 40x50    | 1 pz  |     |
| K13C  | Zinc-coated steel gas door | 30x50    | 1 pz  |     |
| K13I  | Stainless steel gas door   | 40x60    | 1 pz  |     |
| K13AI | Stainless steel gas door   | 40x50    | 1 pz  |     |
| K13CI | Stainless steel gas door   | 30x50    | 1 pz  |     |
| CHGAS | Boxes and doors keys       | -        | 1 pz  |     |

## WATER DOORS

| code   | description                  | meas. cm | conf. | €/p |
|--------|------------------------------|----------|-------|-----|
| AZ20   | Zinc-coated steel water door | 20x20    | 1 pz  |     |
| AZ3022 | Zinc-coated steel water door | 30x22    | 1 pz  |     |
| AZ30   | Zinc-coated steel water door | 30x30    | 1 pz  |     |
| AZ4030 | Zinc-coated steel water door | 40x30    | 1 pz  |     |
| AZ40   | Zinc-coated steel water door | 40x40    | 1 pz  |     |
| AZ4050 | Zinc-coated steel water door | 40x50    | 1 pz  |     |
| AX20   | Stainless steel water door   | 20x20    | 1 pz  |     |
| AX3022 | Stainless steel water door   | 30x22    | 1 pz  |     |
| AX30   | Stainless steel water door   | 30x30    | 1 pz  |     |
| AX4030 | Stainless steel water door   | 40x30    | 1 pz  |     |
| AX40   | Stainless steel water door   | 40x40    | 1 pz  |     |
| AX4050 | Stainless steel water door   | 40x50    | 1 pz  |     |

## INSPECTION DOOR

| code    | description                         | meas. cm | conf. | €/p |
|---------|-------------------------------------|----------|-------|-----|
| ISP15   | Inspection door - zinc-coated steel | 15x15    | 1 pz  |     |
| ISP20   | Inspection door - zin-coated steel  | 20x20    | 1 pz  |     |
| ISP25   | Inspection door - zinc-coated steel | 25x25    | 1 pz  |     |
| ISP3020 | Inspection door - zin-coated steel  | 30x20    | 1 pz  |     |
| ISP30   | Inspection door - zinc-coated steel | 30x30    | 1 pz  |     |

## Anti injury plastic covers, antenna holders and Mistral



### Anti injury plastic cover

| code  | description               | diam. cm | conf.  | €/p |
|-------|---------------------------|----------|--------|-----|
| Fungo | Anti injury plastic cover | 2        | 1000pz |     |

### ANTENNA HOLDER



| code | description                                           | diam. cm | conf. | €/p |
|------|-------------------------------------------------------|----------|-------|-----|
| 11GZ | Antenna TV holder - zinc-coated steel. Height 160 cm. | 4,8      | 1 pz  |     |



|         |                                                              |   |      |  |
|---------|--------------------------------------------------------------|---|------|--|
| 11GZREG | Antenna TV holder zinc-coated. Adjustable heigh. 150 cm max. | 4 | 1 pz |  |
|---------|--------------------------------------------------------------|---|------|--|

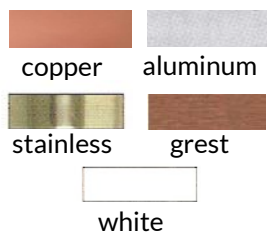
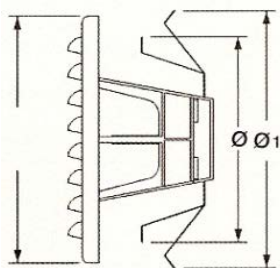


### MISTRAL: HEAT RECOVERY ROOM VENTILATOR FOR ROOMS WITH WEAK VENTILATION

| code | description                   | conf. | €/p |
|------|-------------------------------|-------|-----|
|      | Heat recovery room ventilator | 1pz   |     |

- ✓ Changes the air in the room with very low energy consuming
- ✓ Improves the air breathed in the room
- ✓ Does not need relevant work to be installed
- ✓ Can be installed in new or existing houses
- ✓ Does not ruin the aesthetic aspect of the house (it has different covers to camouflage with the wall)

# Ventilation grilles



## VENTILATION GRILLS WITH NET

| code       | description                          |         | meas.<br>cm | conf. | €/p |
|------------|--------------------------------------|---------|-------------|-------|-----|
| EV2 R 13   | Copper ventilation grill             | 8-12,5  | diam. 14    | 25 pz |     |
| EV2 R 18   | Copper ventilation grill             | 12,5-16 | diam. 18    | 25 pz |     |
| EV2 R 24   | Copper ventilation grill             | 16-20   | diam. 22    | 20 pz |     |
| EV2 R 1515 | Copper ventilation grill             | 8-12,5  | 15x15       | 25 pz |     |
| EV2 R 2323 | Copper ventilation grill             | 16-20   | 23x23       | 20 pz |     |
| EV2 A 13   | Aluminum ventilation grill           | 8-12,5  | diam. 14    | 25 pz |     |
| EV2 A 18   | Aluminum ventilation grill           | 12,5-16 | diam. 18    | 25 pz |     |
| EV2 A 24   | Aluminum ventilation grill           | 16-20   | diam. 22    | 20 pz |     |
| EV2 A 1515 | Aluminum ventilation grill           | 8-12,5  | 15x15       | 25 pz |     |
| EV2 A 2323 | Aluminum ventilation grill           | 16-20   | 23x23       | 20 pz |     |
| EV2 I 13   | Stainless steel ventilation grill    | 8-12,5  | diam. 13    | 25 pz |     |
| EV2 I 18   | Stainless steel ventilation grill    | 12,5-16 | diam. 18    | 25 pz |     |
| EV2 I 24   | Stainless steel ventilation grill    | 16-20   | diam. 24    | 20 pz |     |
| EV2 I 1515 | Stainless steel ventilation grill    | 8-12,5  | 15x15       | 25 pz |     |
| EV2 I 2323 | Stainless steel ventilation grill    | 16-20   | 23x23       | 20 pz |     |
| EV2 B 13   | White varnished aluminum vent. grill | 8-12,5  | diam. 13    | 25 pz |     |
| EV2 B 18   | White varnished aluminum vent. grill | 12,5-16 | diam. 18    | 25 pz |     |
| EV2 B 24   | White varnished aluminum vent. grill | 16-20   | diam. 24    | 20 pz |     |
| EV2 B 1515 | White varnished aluminum vent. grill | 8-12,5  | 15x15       | 25 pz |     |
| EV2 B 2323 | White varnished aluminum vent. grill | 16-20   | 23x23       | 20 pz |     |
| EV2 G 13   | Grest varnished aluminum vent. grill | 8-12,5  | diam. 14    | 25 pz |     |
| EV2 G 18   | Grest varnished aluminum vent. grill | 12,5-16 | diam. 18    | 25 pz |     |
| EV2 G 24   | Grest varnished aluminum vent. grill | 16-20   | diam. 22    | 20 pz |     |



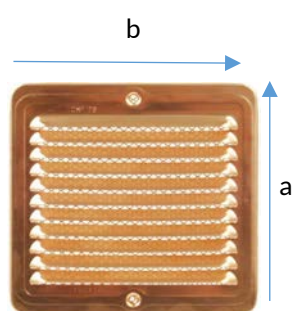
## RECESS VENTILATION GRILLS WITH NET

| code     | description                                  |  | meas.<br>cm | conf. | €/p |
|----------|----------------------------------------------|--|-------------|-------|-----|
| EV1 R 8  | Ventilation grill with net - copper          |  | diam. 8     | 24 pz |     |
| EV1 R 10 | Ventilation grill with net - copper          |  | diam. 10    | 24 pz |     |
| EV1 R 12 | Ventilation grill with net - copper          |  | diam. 12    | 24 pz |     |
| EV1 R 14 | Ventilation grill with net - copper          |  | diam. 14    | 24 pz |     |
| EV1 R 15 | Ventilation grill with net - copper          |  | diam. 15    | 24 pz |     |
| EV1 R 16 | Ventilation grill with net - copper          |  | diam. 16    | 24 pz |     |
| EV1 R 20 | Ventilation grill with net - copper          |  | diam. 20    | 24 pz |     |
| EV1 A 8  | Ventilation grill with net - aluminum        |  | diam. 8     | 24 pz |     |
| EV1 A 10 | Ventilation grill with net - aluminum        |  | diam. 10    | 24 pz |     |
| EV1 A 12 | Ventilation grill with net - aluminum        |  | diam. 12    | 24 pz |     |
| EV1 A 14 | Ventilation grill with net - aluminum        |  | diam. 14    | 24 pz |     |
| EV1 A 15 | Ventilation grill with net - aluminum        |  | diam. 15    | 24 pz |     |
| EV1 A 16 | Ventilation grill with net - aluminum        |  | diam. 16    | 24 pz |     |
| EV1 A 20 | Ventilation grill with net - aluminum        |  | diam. 20    | 24 pz |     |
| EV1 I 8  | Ventilation grill with net - Stainless still |  | diam. 8     | 24 pz |     |
| EV1 I 10 | Ventilation grill with net - Stainless still |  | diam. 10    | 24 pz |     |
| EV1 I 12 | Ventilation grill with net - Stainless still |  | diam. 12    | 24 pz |     |

# Ventilation grilles

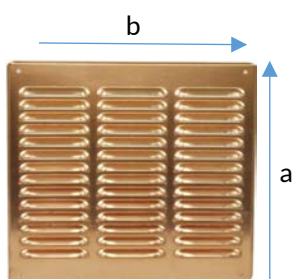
## RECESS VENTILATION GRILLS WITH NET

| code     | description                                 | measure cm | conf. | €/p |
|----------|---------------------------------------------|------------|-------|-----|
| EV1 G 8  | Ventilation grill with net - grest aluminum | diam. 8    | 24 pz |     |
| EV1 G 10 | Ventilation grill with net - grest aluminum | diam. 10   | 24 pz |     |
| EV1 G 12 | Ventilation grill with net - grest aluminum | diam. 12   | 24 pz |     |
| EV1 G 14 | Ventilation grill with net - grest aluminum | diam.14    | 24 pz |     |
| EV1 G 16 | Ventilation grill with net - grest aluminum | diam. 16   | 24 pz |     |
| EV1 G 20 | Ventilation grill with net - grest aluminum | diam. 20   | 24 pz |     |



## STANDING VENTILATION GRILLS WITH NET

| code       | description                                 | measure cm  | conf. | €/p |
|------------|---------------------------------------------|-------------|-------|-----|
| EV3 R 1515 | Standing ventilation grill - copper         | AxB 15x15   | 25 pz |     |
| EV3 R 1528 | Standing ventilation grill - copper         | AxB 15x28   | 25 pz |     |
| EV3 R 1538 | Standing ventilation grill - copper         | AxB 15x41,5 | 25 pz |     |
| EV3 R 2020 | Standing ventilation grill - copper         | AxB 20x20   | 30 pz |     |
| EV3 R 2323 | Standing ventilation grill - copper         | AxB 23x23   | 30 pz |     |
| EV3 A 1515 | Standing ventilation grill - aluminum       | AxB 15x15   | 25 pz |     |
| EV3 A 1528 | Standing ventilation grill - aluminum       | AxB 15x28   | 25 pz |     |
| EV3 A 1538 | Standing ventilation grill - aluminum       | AxB 15x41,5 | 25 pz |     |
| EV3 A 2020 | Standing ventilation grill - aluminum       | AxB 20x20   | 30 pz |     |
| EV3 A 2323 | Standing ventilation grill - aluminum       | AxB 23x23   | 30 pz |     |
| EV3 G 1515 | Standing ventilation grill - grest aluminum | AxB 15x15   | 25 pz |     |
| EV3 G 1528 | Standing ventilation grill - grest aluminum | AxB 15x28   | 25 pz |     |
| EV3 G 2323 | Standing ventilation grill - grest aluminum | AxB 23x23   | 30 pz |     |



## STANDING VENTILATION GRILLS WITHOUT NET

| code       | description                           | measure cm  | conf. | €/p |
|------------|---------------------------------------|-------------|-------|-----|
| EV4 R 3031 | Standing ventilation grill - copper   | AxB 30x31,5 | 5 pz  |     |
| EV4 R 3041 | Standing ventilation grill - copper   | AxB 30x41,5 | 5 pz  |     |
| EV4 R 3051 | Standing ventilation grill - copper   | AxB 30x51,5 | 5 pz  |     |
| EV4 R 4041 | Standing ventilation grill - copper   | AxB 40x41,5 | 5 pz  |     |
| EV4 R 4051 | Standing ventilation grill - copper   | AxB 40x51,5 | 5 pz  |     |
| EV4 A 3031 | Standing ventilation grill - aluminum | AxB 30x31,5 | 5 pz  |     |
| EV4 A 3041 | Standing ventilation grill - aluminum | AxB 30x41,5 | 5 pz  |     |
| EV4 A 3051 | Standing ventilation grill - aluminum | AxB 30x51,5 | 5 pz  |     |
| EV4 A 4041 | Standing ventilation grill - aluminum | AxB 40x41,5 | 5 pz  |     |
| EV4 A 4051 | Standing ventilation grill - aluminum | AxB 40x51,5 | 5 pz  |     |



# Roof windows (catalogue A 2016) **CE**

**HB**



**BHLX**



**SINTESI**



**BBO**



**DINAMIKA CON  
MOTORE A SCOMPARSA**



**KLIMA**

- 6 models, made on premium fir wood, double coated with ecological varnish, with stainless steel joints and mechanism that allows the sash to be opened in any position. UV resistant cladding made of coated aluminum
- Certified CE windows, with excellent performance results (insulation for air, rain, wind, vapor, light and noise)
- 6 glazing unit options



- 4 low emission / 15 / 4 tempered (external) (UG 1,40 W/mq.k)
- 4 low emission / 15 argon / 4 tempered (external) (UG 1,10 W/mq.k)
- 4 / 12 argon / 4+4 low emission with solar factor (UG 1,20 W/mq.k)
- 3+3 low emission / 14 argon / 4 tempered (External) (UG 1,10 W/mq.k) UNI7697
- 4 low emission / 12 argon / 4+4 acoustic sound proof (UG 1,30 W/mq.k)
- 4 low emission / 4 / 14 argon / 4 tempered (external) (UG 0,90 W/mq.k)

On the edge of each glazing unit, Axel places a thin isolating plastic, which improves the thermal insulation and reduces the potential condensation effects around the shutter.

- Possibility of installing electrical control on all the windows
- Wide range of accessories



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