



5



5 Modular drainage channels

## MODULAR DRAINAGE CHANNELS





# MODULAR DRAINAGE CHANNEL

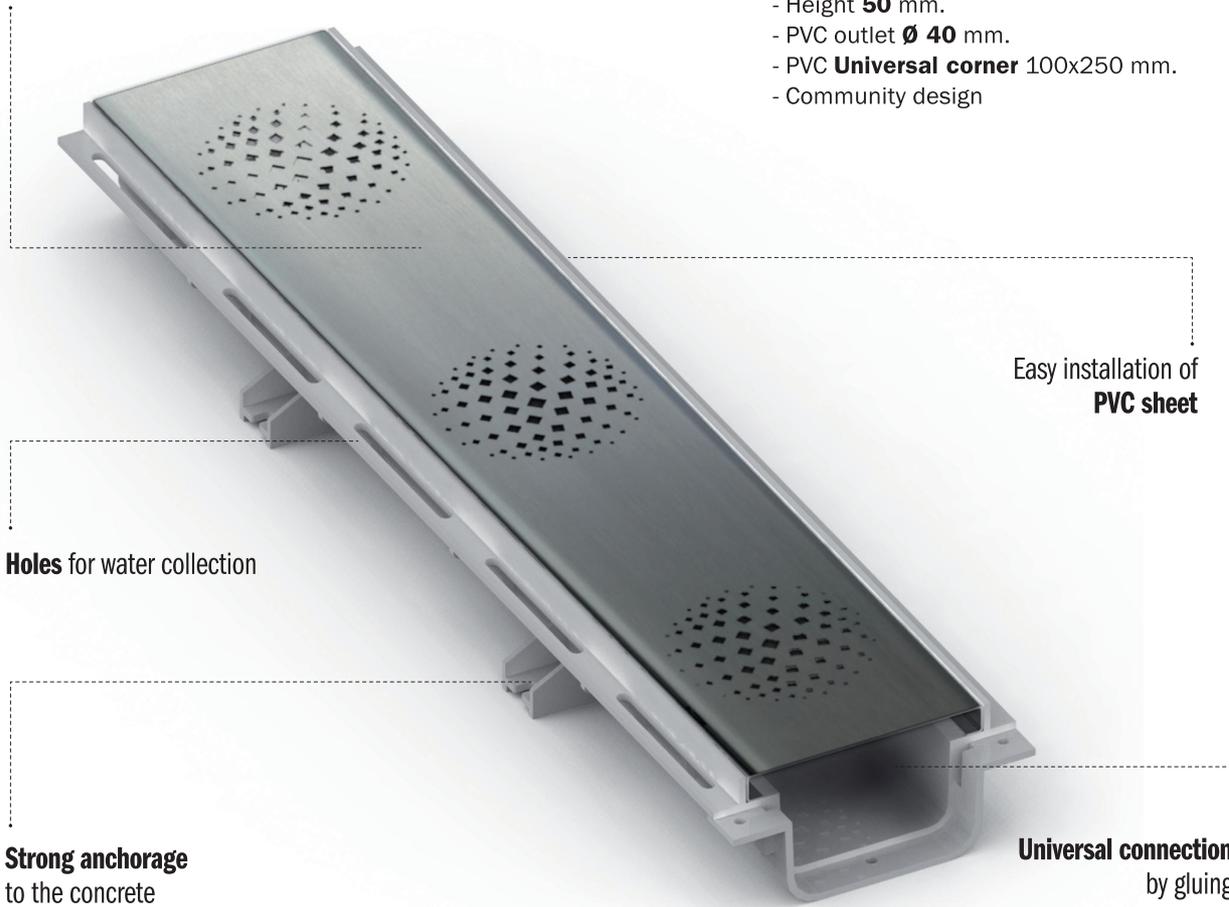
SURFACE DRAINAGE

MODULAR DRAINAGE CHANNEL

Stainless steel modular grills and rails made of **STAINLEES STEEL AISI 304**

### Characteristics:

- Modular **PVC** channel **100x500** mm.
- Height **50** mm.
- PVC outlet **Ø 40** mm.
- PVC **Universal corner** 100x250 mm.
- Community design



Easy installation of **PVC sheet**

**Holes** for water collection

**Strong anchorage** to the concrete

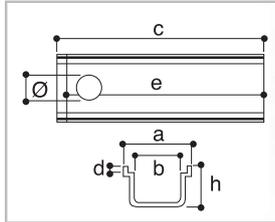
**Universal connection** by gluing





**MODULAR DRAINAGE CHANNEL 100 x 500 WITH DESIGN GRILL**  
**CANAL DE DRAINAGE MODULAIRE 100 x 500 AVEC GRILLE DE CONCEPTION**  
**CANAL DE DRENAJE MODULAR 100 x 500 CON REJILLA DE DISEÑO**

| CODE     | a   | b  | c   | d  | e   | h  | Dim.      | PACK | € |
|----------|-----|----|-----|----|-----|----|-----------|------|---|
| CCLAS66E | 100 | 96 | 525 | 12 | 500 | 50 | 100 x 500 | 1    |   |

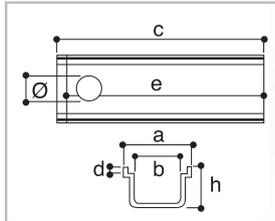


**NEW**



**MODULAR DRAINAGE CHANNEL 100 x 500 WITH DESIGN GRILL**  
**CANAL DE DRAINAGE MODULAIRE 100 x 500 AVEC GRILLE DE CONCEPTION**  
**CANAL DE DRENAJE MODULAR 100 x 500 CON REJILLA DE DISEÑO**

| CODE     | a   | b  | c   | d  | e   | h  | Dim.      | PACK | € |
|----------|-----|----|-----|----|-----|----|-----------|------|---|
| CCDR066E | 100 | 96 | 525 | 12 | 500 | 50 | 100 x 500 | 1    |   |

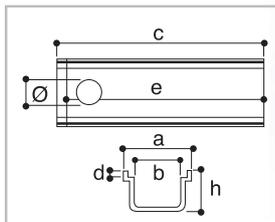


**NEW**



**MODULAR DRAINAGE CHANNEL 100 x 500 WITH DESIGN GRILL**  
**CANAL DE DRAINAGE MODULAIRE 100 x 500 AVEC GRILLE DE CONCEPTION**  
**CANAL DE DRENAJE MODULAR 100 x 500 CON REJILLA DE DISEÑO**

| CODE      | a   | b  | c   | d  | e   | h  | Dim.      | PACK | € |
|-----------|-----|----|-----|----|-----|----|-----------|------|---|
| CC CIR66E | 100 | 96 | 525 | 12 | 500 | 50 | 100 x 500 | 1    |   |

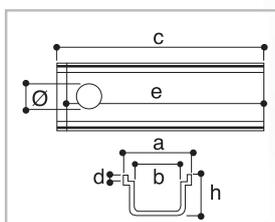


**NEW**



**MODULAR DRAINAGE CHANNEL 100 x 500 WITH DESIGN GRILL**  
**CANAL DE DRAINAGE MODULAIRE 100 x 500 AVEC GRILLE DE CONCEPTION**  
**CANAL DE DRENAJE MODULAR 100 x 500 CON REJILLA DE DISEÑO**

| CODE     | a   | b  | c   | d  | e   | h  | Dim.      | PACK | € |
|----------|-----|----|-----|----|-----|----|-----------|------|---|
| CCLED66E | 100 | 96 | 525 | 12 | 500 | 50 | 100 x 500 | 1    |   |



**NEW**



**SURFACE DRAINAGE**

**MODULAR DRAINAGE CHANNEL**





**NEW**

**UNIVERSAL CORNER 100 x 250 WITH DESIGN GRILL**  
**ANGLE UNIVERSAL 100 x 250 AVEC GRILLE DE CONCEPTION**  
**CANALETA ESQUINA MODULAR 100 x 250 CON REJILLA DE DISEÑO**

| CODE     | h  | Dim.      | PACK | € |
|----------|----|-----------|------|---|
| ACLAS66E | 50 | 100 x 250 | 1    |   |



**NEW**

**UNIVERSAL CORNER 100 x 250 WITH DESIGN GRILL**  
**ANGLE UNIVERSAL 100 x 250 AVEC GRILLE DE CONCEPTION**  
**CANALETA ESQUINA MODULAR 100 x 250 CON REJILLA DE DISEÑO**

| CODE     | h  | Dim.      | PACK | € |
|----------|----|-----------|------|---|
| ACDRO66E | 50 | 100 x 250 | 1    |   |



**NEW**

**UNIVERSAL CORNER 100 x 250 WITH DESIGN GRILL**  
**ANGLE UNIVERSAL 100 x 250 AVEC GRILLE DE CONCEPTION**  
**CANALETA ESQUINA MODULAR 100 x 250 CON REJILLA DE DISEÑO**

| CODE     | h  | Dim.      | PACK | € |
|----------|----|-----------|------|---|
| ACCIR66E | 50 | 100 x 250 | 1    |   |



**NEW**

**UNIVERSAL CORNER 100 x 250 WITH DESIGN GRILL**  
**ANGLE UNIVERSAL 100 x 250 AVEC GRILLE DE CONCEPTION**  
**CANALETA ESQUINA MODULAR 100 x 250 CON REJILLA DE DISEÑO**

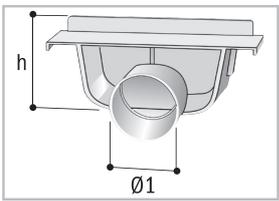
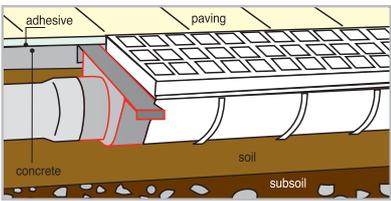
| CODE     | h  | Dim.      | PACK | € |
|----------|----|-----------|------|---|
| ACLED66E | 50 | 100 x 250 | 1    |   |



**PVC**

**END CAP OUTLET**  
**FOND NAISSANCE**  
**TAPON SALIDA**

| CODE   | Ø  | h  | Dim. | PACK | € |
|--------|----|----|------|------|---|
| NAH66E | 40 | 30 | 100  | 10   |   |



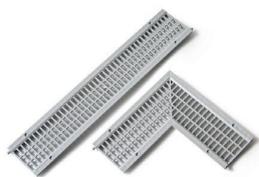


DRAINAGE CHANNEL

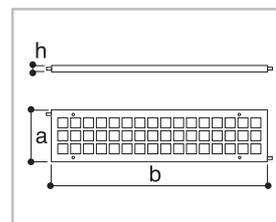
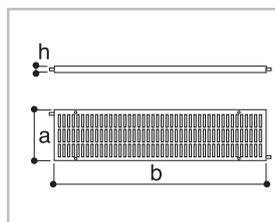
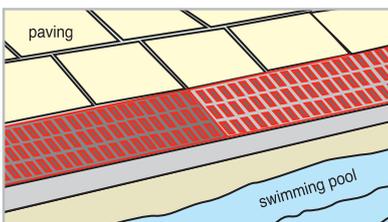
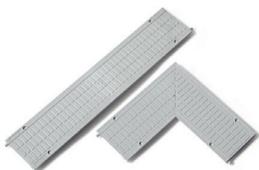
SURFACE DRAINAGE

**PVC**

**PEDESTRIAN HIGH DRAINAGE GRILL 100 x 500 AND 90° CORNER**  
**GRILLE POUR PIETONS 100 x 500 ET ANGLE CANIVEAUX 90°**  
**REJILLA PEATONAL 100 x 500 Y ESQUINA DE 90°**



| CODE    | a  | b   | h  | Notes        | Dim.      | PACK | € |
|---------|----|-----|----|--------------|-----------|------|---|
| GR66E   | 96 | 500 | 12 | grill        | 100 x 500 | 10   |   |
| GRAN66E | 96 | 250 | 12 | grill corner | 100 x 250 | 5    |   |
| TR66E   | 96 | 500 | 12 | cover        | 100 x 500 | 10   |   |
| TRAN66E | 96 | 250 | 12 | cover corner | 100 x 250 | 5    |   |

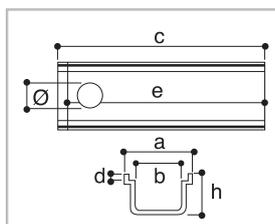
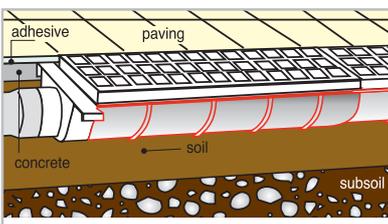


**PVC**

**MODULAR CHANNEL 100 x 500 AND 90° CORNER**  
**CANIVEAU 100 x 500 ET ANGLE CANIVEAUX 90°**  
**CANALETA BAJA 100 x 500 Y ESQUINA DE 90°**



| CODE    | a   | b  | c   | d  | e   | h  | Ø  | Notes                | Dim.      | PACK | € |
|---------|-----|----|-----|----|-----|----|----|----------------------|-----------|------|---|
| CAN66E  | 100 | 96 | 525 | 12 | 500 | 50 | -  |                      | 100 x 500 | 10   |   |
| CANS66E | 100 | 96 | 525 | 12 | 500 | 50 | 63 | with vertical outlet | 100 x 500 | 10   |   |

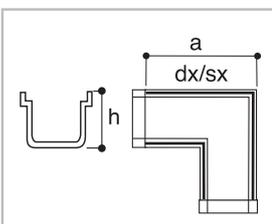


**PVC**

**UNIVERSAL CORNER 100 x 250**  
**ANGLE UNIVERSAL 100 x 250**  
**CANALETA ESQUINA MODULAR 100 x 250**



| CODE   | a   | h  | Dim.      | PACK | € |
|--------|-----|----|-----------|------|---|
| ANB66E | 250 | 50 | 100 x 250 | 5    |   |



**PVC**

**END CAP OUTLET - FOND NAISSANCE - TAPON SALIDA ALTO**

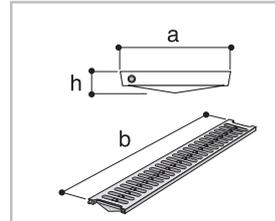
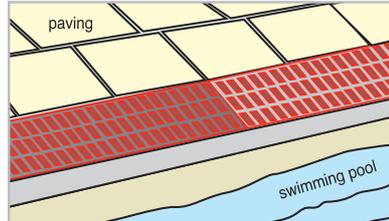


| CODE   | Ø  | h  | Dim. | PACK | € |
|--------|----|----|------|------|---|
| NAH66E | 40 | 30 | 100  | 10   |   |

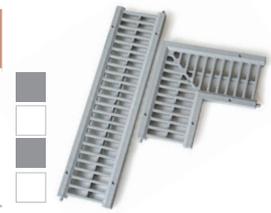
**PEDESTRIAN HIGH DRAINAGE GRILL 130 x 500 AND 90° CORNER**  
**GRILLE POUR PIETONS 130 x 500 AVEC ANGLE 90°**  
**REJILLA PEATONAL 130 x 500 Y ESQUINA DE 90°**

| CODE      | a   | b   | h  | Flow rate (l/s) | Notes  | Dim.      | PACK | € |
|-----------|-----|-----|----|-----------------|--------|-----------|------|---|
| GRL77E    | 128 | 500 | 23 | 3,6             | grill  | 130 x 500 | 10   |   |
| GRL77EB   | 128 | 500 | 23 | 3,6             | grill  | 130 x 500 | 10   |   |
| GRLAN77E  | 128 | 250 | 23 | -               | corner | 130 x 250 | 5    |   |
| GRLAN77EB | 128 | 250 | 23 | -               | corner | 130 x 250 | 5    |   |

Sand colour available on request



PVC



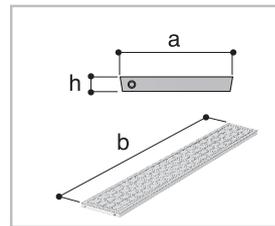
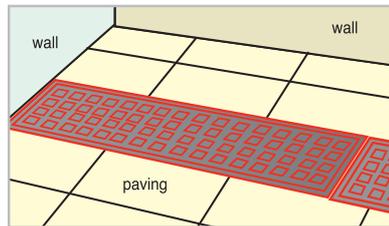
REGULATION: EN 124 A15 LOAD CLASS  
 REGULATION: EN 1433 A15 LOAD CLASS  
 "CE MARKING"



SURFACE DRAINAGE

**PEDESTRIAN COVER 130 x 500 AND 90° CORNER**  
**TAMPON POUR PIETONS 130 x 500 AVEC ANGLE 90°**  
**TAPA PEATONAL 130 x 500 Y ESQUINA DE 90°**

| CODE    | a   | b   | h  | Notes  | Dim.      | PACK | € |
|---------|-----|-----|----|--------|-----------|------|---|
| TR77E   | 128 | 500 | 20 |        | 130 x 500 | 10   |   |
| TRAN77E | 128 | 250 | 20 | corner | 130 x 250 | 5    |   |



PVC



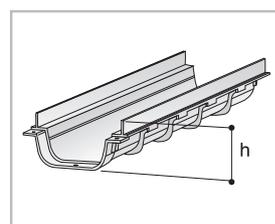
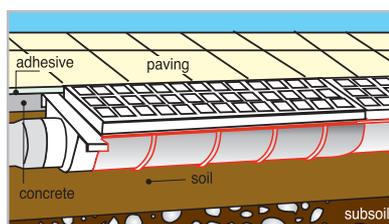
REGULATION: EN 124 A15 LOAD CLASS  
 REGULATION: EN 1433 A15 LOAD CLASS  
 "CE MARKING"



DRAINAGE PROBLEME

**MODULAR CHANNEL 130 x 500 LOW AND 90° CORNER**  
**CANIVEAUX MODULAR 130 x 500 BAS ET ANGLE 90°**  
**CANALETA BAJA MODULAR 130 x 500 Y ESQUINA DE 90°**

| CODE    | h  | Notes                           | Dim.      | PACK | € |
|---------|----|---------------------------------|-----------|------|---|
| CAB77E  | 70 | channel                         | 130 x 500 | 10   |   |
| CAB77EB | 70 | channel                         | 130 x 500 | 10   |   |
| ANB77E  | 70 | Universal corner (right & left) | 130 x 250 | 5    |   |
| ANB77EB | 70 | Universal corner (right & left) | 130 x 250 | 5    |   |



PVC





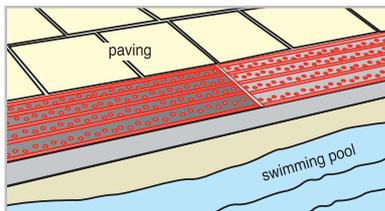
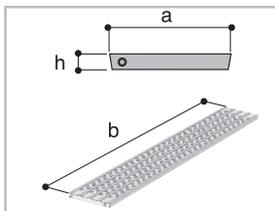
**PVC**

### PEDESTRIAN GRILL FOR SWIMMING-POOL 130 x 500 AND 90° CORNER GRILLE POUR PISCINE 130 x 500 ET ANGLE 90° REJILLA PEATONAL PARA ALBERCAS 130 x 500 Y ESQUINA 90°



| CODE      | a   | b   | h  | Flow rate (l/s) | Notes  | Dim.      | PACK | € |
|-----------|-----|-----|----|-----------------|--------|-----------|------|---|
| GR77PE    | 128 | 500 | 20 | 1,2             | grill  | 130 x 500 | 10   |   |
| GR77PEB   | 128 | 500 | 20 | 1,2             | grill  | 130 x 500 | 10   |   |
| GRAN77PE  | 128 | 250 | 20 | -               | corner | 130 x 250 | 5    |   |
| GRAN77PEB | 128 | 250 | 20 | -               | corner | 130 x 250 | 5    |   |

REGULATION: EN 124 A15 LOAD CLASS  
REGULATION: EN 1433 A15 LOAD CLASS  
"CE MARKING"



Sand colour available on request

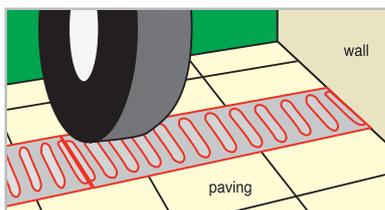
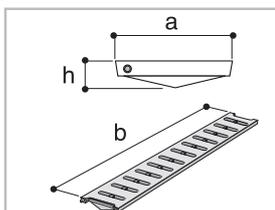
SOIL DRAINAGE

**PVC**

### LIGHT TRAFFIC GRILL 130 x 500 AND 90° CORNER GRILLE POUR PISCINE 130 x 500 ET ANGLE 90° REJILLA TRAFICO LIGERO 130 x 500 Y ESQUINA 90°



REGULATION: EN 124 B125 LOAD CLASS  
REGULATION: EN 1433 A15 LOAD CLASS  
"CE MARKING"



Sand colour available on request

DRAINAGE CHANNEL

**NEW**

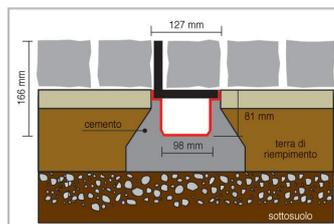
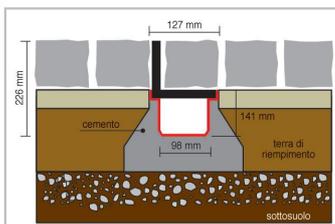
**PP**

### SLOT GRILL 130 x 500 GRILLE FENTE 130 x 500 REJILLA RANURADA 130 x 500



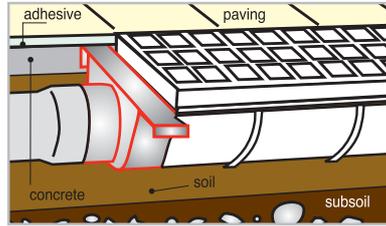
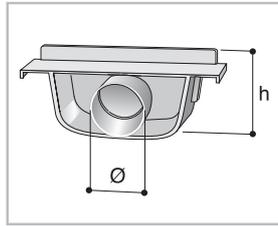
SLOT GRILL CAN BE  
INSTALLED IN ALL  
DRAINAGE CHANNELS  
130x500 AND 130x1000

| CODE    | Description                                   | Notes               | PACK | € |
|---------|---|---------------------|------|---|
| GRF10AP | slot grill 130 x 500<br>internal height 85 mm | dim. slot 8 x 49 mm | -    |   |



**END CAP OUTLET 130 LOW**  
**FOND NAISSANCE 130 BAS - TAPON BAJO 130 CON SALIDA**

| CODE   | Ø  | h  | Dim. | PACK | € |
|--------|----|----|------|------|---|
| NAH77E | 40 | 67 | 130  | 10   |   |

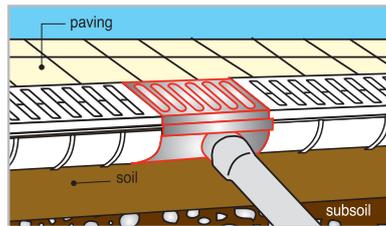
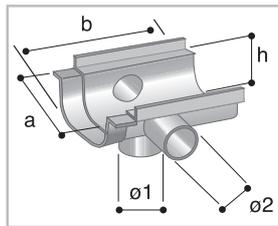


PVC



**JUNCTION OUTLET 130 LOW**  
**NAISSANCE CENTRALE 130 BAS - DESCARGA BAJA 130 CON SALIDA LATERAL**

| CODE   | a   | b   | Ø1 | Ø2 | h  | Dim. | Notes                                   | PACK | € |
|--------|-----|-----|----|----|----|------|---|------|---|
| GAB77E | 130 | 147 | 50 | 40 | 70 | 130  | 2 lateral outlets<br>1 vertical outlets | 10   |   |



PVC



SURFACE DRAINAGE

DRAINAGE CHANNEL



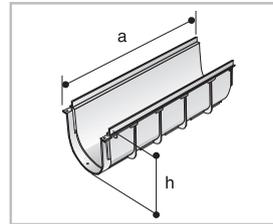
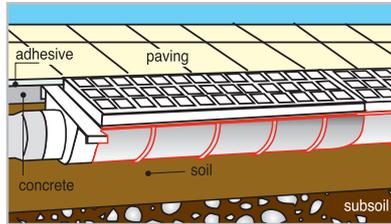


**PVC**

**MODULAR CHANNEL 130 x 500 HIGH AND 90° CORNER**  
**CANIVEAUX MODULAR 130 x 500 HAUT ET ANGLE 90°**  
**CANAleta BAJA MODULAR 130 x 500 ALTA Y ESQUINA DE 90°**



| CODE   | a   | h   | Notes                           | Dim.      | PACK | € |
|--------|-----|-----|---------------------------------|-----------|------|---|
| CAN77E | 500 | 134 | channel                         | 130 x 500 | 10   |   |
| ANA77E | 250 | 134 | Universal corner (right & left) | 130 x 250 | 5    |   |

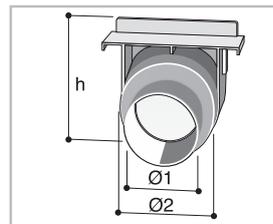
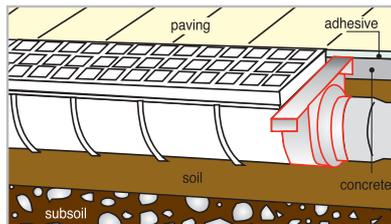


**PVC**

**END CAP OUTLET 130 HIGH**  
**FOND NAISSANCE 130 HAUT - TAPON CON SALIDA 130 ALTA**

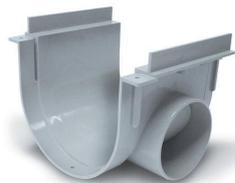


| CODE    | Ø1 | Ø2  | h   | Dim. | PACK | € |
|---------|----|-----|-----|------|------|---|
| NART77E | 80 | 100 | 131 | 130  | 15   |   |
| NAPV77E | 75 | 110 | 131 | 130  | 15   |   |

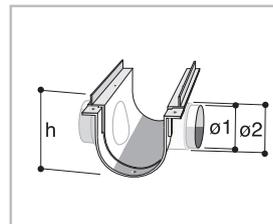
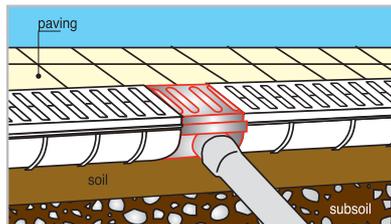


**PVC**

**JUNCTION OUTLET 130 HIGH**  
**NAISSANCE CENTRALE 130 HAUT - DESCARGA LATERAL 130 ALTA**



| CODE   | b   | Ø1 | Ø2 | h   | Dim. | PACK | € |
|--------|-----|----|----|-----|------|------|---|
| GAN77E | 125 | 75 | 80 | 131 | 130  | 10   |   |



**NEW**



**GALVANIZED STEEL GRILL 200 x 1000**  
**GRILLE GALVANIZÉE 200 x 1000**  
**REJILLA DE ACERO GALVANIZADO 200 x 1000**

| CODICE | h  | Flusso (l/s) | Note             | Dim.       | CONF. | Prezzo euro |
|--------|----|--------------|------------------|------------|-------|-------------|
| GR88ZE | 20 | 4,1          | Galvanized steel | 200 x 1000 | 1     | 40,00       |



SURFACE DRAINAGE

DRAINAGE CHANNEL



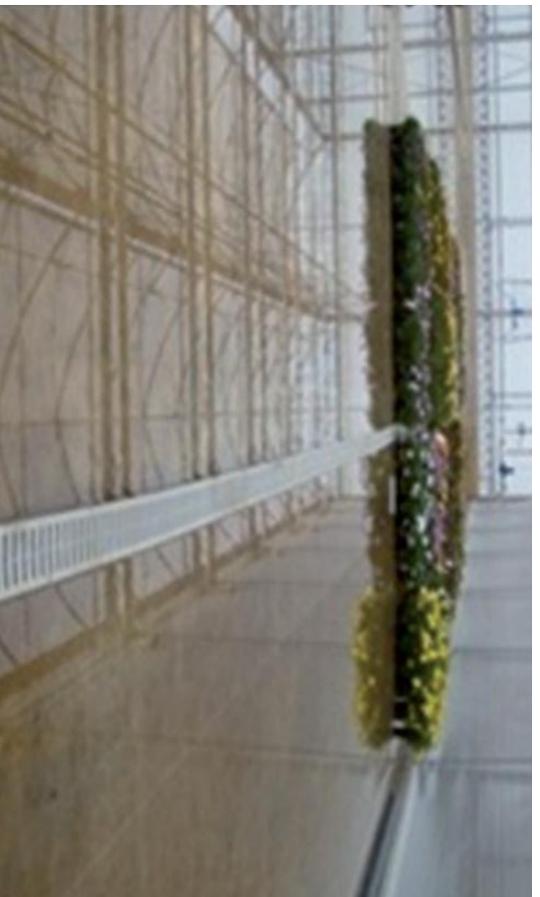
# Applications



**SURFACE DRAINAGE**



**DRAINAGE CHANNEL**





**PVC**

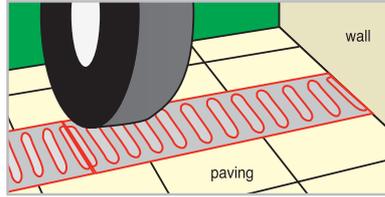
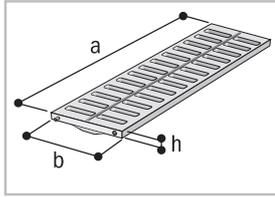
### LIGHT TRAFFIC GRILL 200 x 500 AND 90° CORNER - GRILLE RENFORCÉE 200 x 500 ET ANGLE 90° - REJILLA TRAFICO LIGERO 200 x 500 Y ESQUINA 90°



REGULATION: EN 124 B125 LOAD CLASS  
REGULATION: EN 1433 A15 LOAD CLASS  
"CE MARKING"



| CODE    | a   | b   | h  | Flow rate (l/s) | Notes  | Dim.      | PACK | € |
|---------|-----|-----|----|-----------------|--------|-----------|------|---|
| GR88BE  | 500 | 196 | 20 | 2,8             | grill  | 200 x 500 | 10   |   |
| GRAN88E | 250 | 196 | 20 | -               | corner | 200 x 250 | 5    |   |



Sand colour available on request

SOIL DRAINAGE

**PVC**

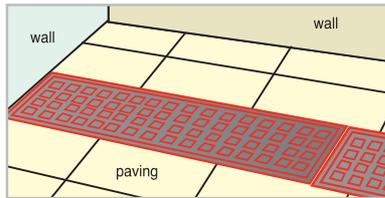
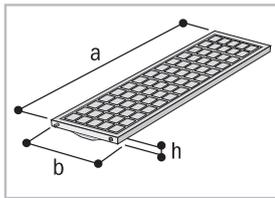
### LIGHT TRAFFIC COVER 200 x 500 AND 90° CORNER - TAMPON RENFORCÉE 200 x 500 ET ANGLE 90° - TAPA TRAFICO LIGERO 200 x 500 Y ESQUINA DE 90°



REGULATION: EN 124 B125 LOAD CLASS  
REGULATION: EN 1433 A15 LOAD CLASS  
"CE MARKING"



| CODE    | a   | b   | h  | Notes  | Dim.      | PACK | € |
|---------|-----|-----|----|--------|-----------|------|---|
| TR88BE  | 500 | 196 | 20 | cover  | 200 x 500 | 10   |   |
| TRAN88E | 250 | 196 | 20 | corner | 200 x 250 | 5    |   |



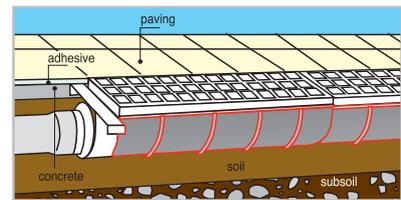
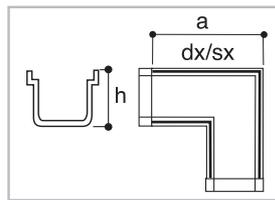
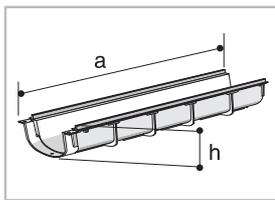
DRAINAGE CHANNEL

**PVC**

### MODULAR CHANNEL 200 x 500 LOW AND 90° CORNER - CANIVEAU 200 x 500 BAS ET ANGLE 90° - CANALETA BAJA 200 x 500 Y ESQUINA 90°



| CODE   | a   | h  | Notes   | Dim.      | PACK | € |
|--------|-----|----|---------|-----------|------|---|
| CAB88E | 500 | 94 | channel | 200 x 500 | 10   |   |
| ANB88E | 250 | 94 | corner  | 200 x 250 | 5    |   |

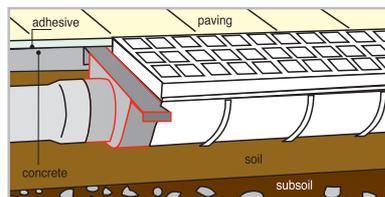
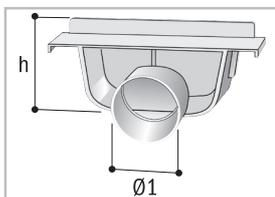


**PVC**

### END CAP OUTLET 200 LOW - FOND NAISSANCE 200 BAS - TAPON CON SALIDA BAJO 200

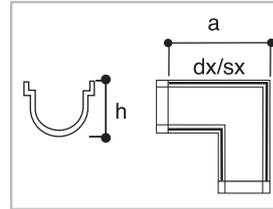
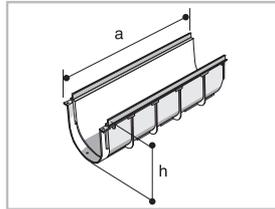
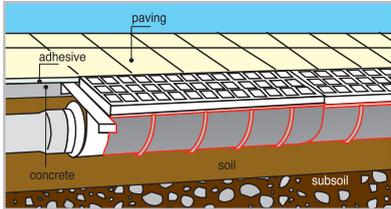


| CODE   | Ø1 | h  | Dim. | PACK | € |
|--------|----|----|------|------|---|
| NAR88E | 75 | 94 | 200  | 10   |   |
| NAP88E | 80 | 94 | 200  | 10   |   |



**MODULAR CHANNEL 200 x 500 HIGH AND 90° CORNER - CANIVEAU 200 x 500 HAUT ET ANGLE 90° - CANALETA 200 x 500 ALTA Y ESQUINA 90°**

| CODE   | a   | h   | Dim.      | PACK | € |
|--------|-----|-----|-----------|------|---|
| CAN88E | 500 | 170 | 200 x 500 | 10   |   |
| ANA88E | 250 | 170 | 200 x 250 | 5    |   |

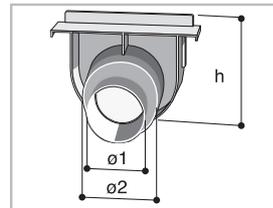
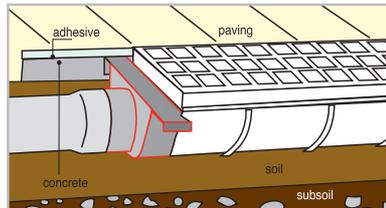


PVC



**END CAP OUTLET 200 HIGH - FOND NAISSANCE 200 HAUT - TAPON CON SALIDA 200 ALTO**

| CODE    | Ø1 | Ø2  | h   | Dim. | PACK | € |
|---------|----|-----|-----|------|------|---|
| NAPV88E | 80 | 100 | 165 | 200  | 10   |   |
| NART88E | 75 | 110 | 165 | 200  | 10   |   |

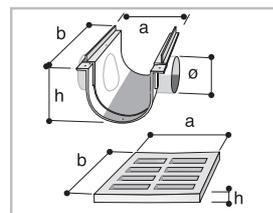
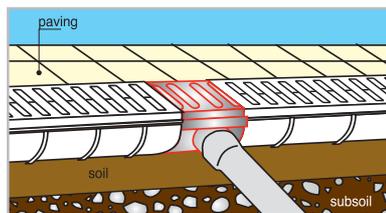


PVC

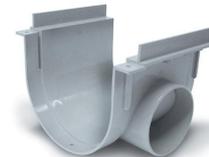


**JUNCTION OUTLET 200 HIGH AND GRILL  
NAISSANCE CENTRALE 200 HAUT ET GRILLE  
DESCARGA SALIDA LATERAL ALTA Y REJILLA**

| CODE    | Notes    | a   | b   | Ø   | h   | Dim. | PACK | € |
|---------|----------|-----|-----|-----|-----|------|------|---|
| GRAN88E | grill    | 196 | 145 | -   | 20  | 200  | 10   |   |
| GAN88E  | junction | 196 | 145 | 100 | 170 | 200  | 10   |   |

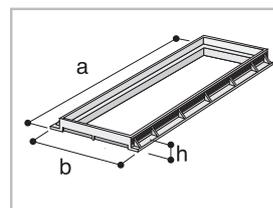
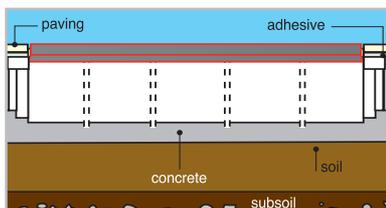


PVC



**MODULAR FRAME FOR CHANNEL 200 x 500  
CADRE MODULAIRE POUR CANIVEAU 200 x 500 - MARCO PARA CANALETA 200 x 500**

| CODE   | Notes         | a   | b   | h  | Dim.      | PACK | € |
|--------|---------------|-----|-----|----|-----------|------|---|
| TEL88E | modular frame | 500 | 200 | 30 | 200 x 500 | 10   |   |



PVC



SURFACE DRAINAGE

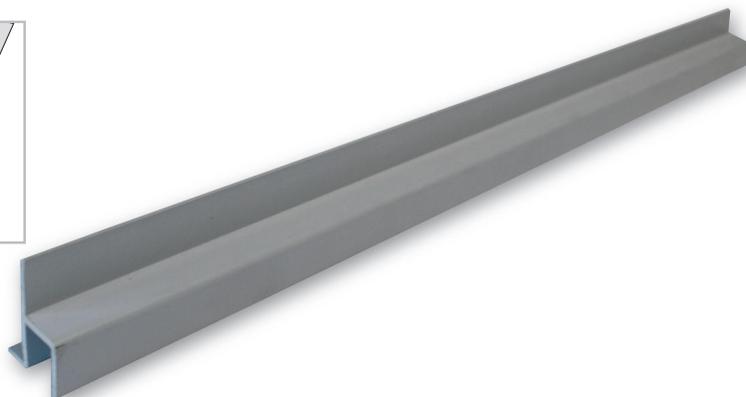
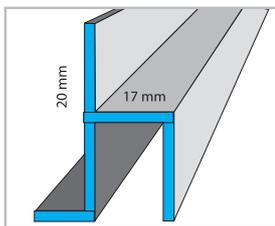
DRAINAGE CHANNEL



**PVC**

## RAILS FOR CONCRETE CHANNELS PROFILÉ POUR CANIVEAUX - RIEL PARA CANALETA DE CONCRETO

| CODE  | a   | b   | Dim.         | PACK | € |
|-------|-----|-----|--------------|------|---|
| PRO25 | 170 | 220 | Length 2,5 m | 1    |   |



**SUITABLES FOR MANY EUROPLAST GRILLS & COVERS**

GRILLS AND COVERS: 200 x 500, 130 x 500



**NEW**

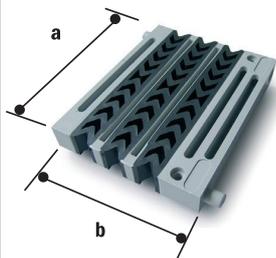
**SUITABLES FOR MANY EUROPLAST GRILLS & COVERS**

PEDESTRIAN GRILLS AND COVERS: 200 x 200, 300 x 300, 350 x 350



## EXPANSION JOINT JOINT DE DILATATION - UNION EXPANDIBLE

| CODE  | a  | b     | Dim. (a) | PACK | € |
|-------|----|-------|----------|------|---|
| DIL77 | 85 | + 100 | 130      | 10   |   |



### IDEAL SOLUTION FOR THERMINAL EXPANSION

#### Technical notes:

- 1 - Presence of screwing system prearrangement.
- 2 - PVC thermal extension coefficient = 0,007 mm/mx C°
- 3 - It is recommended to link expansion joint to drainage channels.
- 4 - It is recommended to install 1 expansion joint every 5/6 channels.

SURFACE DRAINAGE

DRAINAGE CHANNEL



# DRAINAGE CHANNEL INSTALLATION INSTRUCTIONS



**1** Excavate a trench 10 cm larger and 5 cm deeper than the channels you need to accommodate



**2** Butter the concrete on the bottom of the trench (as deep as the channel). No slope



**3** Use standard silicone glue for pasting the channels



**4** Embed the channel



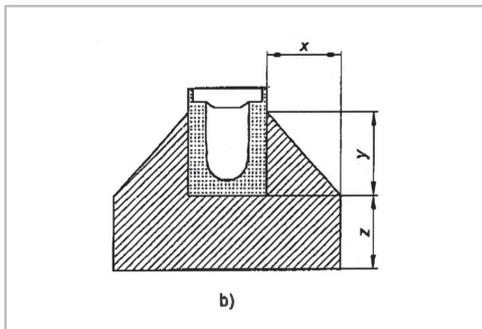
**5** Put the grills on the channels



**6** Put the channels, controlling that grill level and ground level are equal to each other



**7** Pack with cement in order to eliminate air holes. The channels must be put with the grills. Put some shims between the grills and the edge of the channels, in order to permit, at the end of the labour, an easy inspection



**8** Use concrete class RCK 45. Load class according to the rule EN 1433. The observance of the CE marking, according to EN 1433, bind the grill 130 x 1000 to the channels 130 x 1000/52-70-90-130 internal height

In order to respect CE marking statement (Ex Reg. EN 1433) it is compulsory to bin galvanized steel grill to the channel.