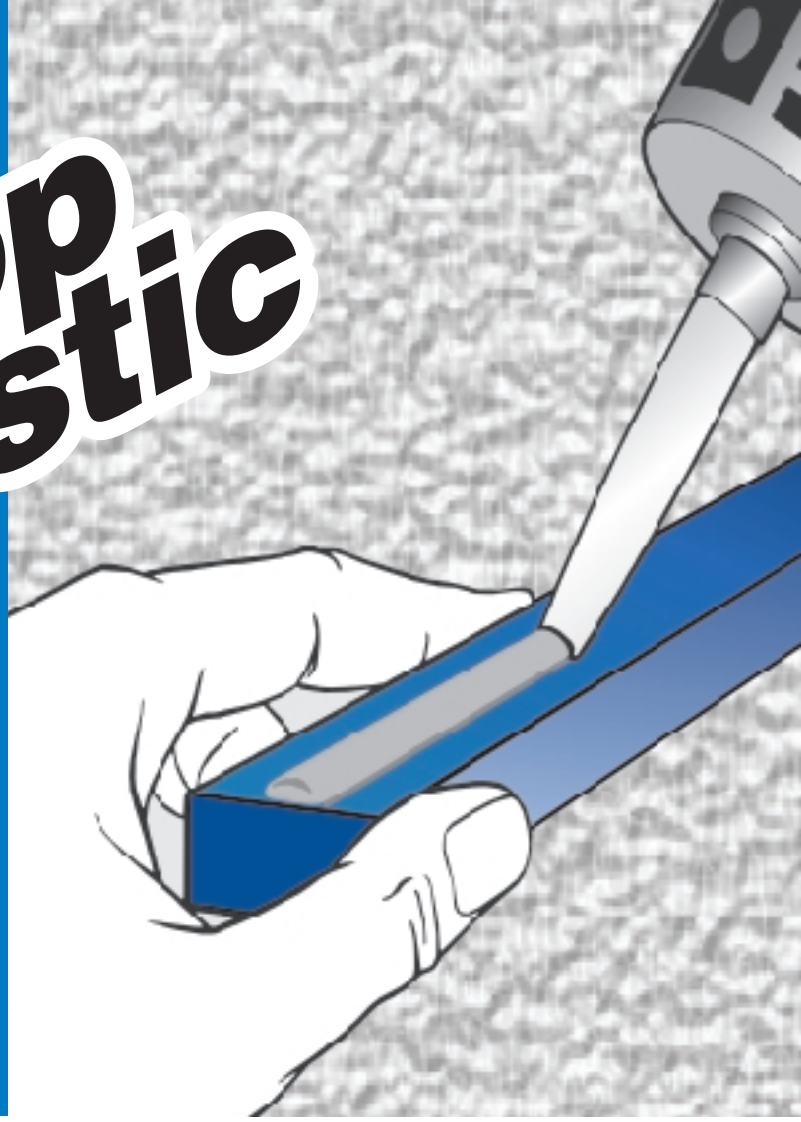


# Idrostop Mastic

**Single component adhesive for the application of Idrostop, hydrophilic expandable rubber section**



## WHERE TO USE

Adhesive to use for fitting **Idrostop** during the creation of waterproof working joints in civil, industrial, and hydraulic constructions.

## Some application examples

- Bonding **Idrostop** on concrete at cold joints between concrete beds and elevation walls.
- Bonding **Idrostop** around PVC pipes or steel before pouring concrete.

## TECHNICAL CHARACTERISTICS

**Idrostop Mastic** is a ready to use single component solvent free MS polymer based adhesive. After extrusion the mastic becomes a thixotropic paste easily applied vertically and horizontally. It reticulates with moisture to form a flexible product at temperatures between +10°C and +40°C.

**Idrostop Mastic** adheres perfectly also on slightly moist surfaces as long as they are perfectly clean and solid.

## RECOMMENDATIONS

- Do not apply **Idrostop Mastic** if the surface is very contaminated with acids or solvents. Carefully clean the surface.
- Do not use **Idrostop Mastic** if the temperature is lower than +10°C or above +40°C.

## APPLICATION PROCEDURE

The surface of the concrete must be clean and solid before applying **Idrostop Mastic**.

Remove any cement laitance with a stiff wire brush. If **Idrostop Mastic** must be applied on steel pipes, make sure they are cleaned from grease or oil used to lubricate the joints. If they are contaminated, clean with ethyl alcohol.

**Idrostop Mastic** is available in 290 ml cartridges. Make a hole in the cartridge above the threads and screw in the nozzle, cutting an opening with a diameter of 5 mm at a 45° angle. Insert the cartridge into a normal gun and extrude the adhesive onto the surface of an **Idrostop** section that has been cut to size beforehand, or directly onto the concrete. Then press the **Idrostop** onto the substrate, moving it slowly in all directions to make it adhere thoroughly at all points without exerting traction. Concrete can then be poured after 24 hours.

If necessary, it is possible to shorten the waiting time (minimum waiting time, 4 hours from glueing). In this case it is recommended to fix **Idrostop**, also mechanically, with screws or nails every 1 meter, in order to prevent **Idrostop** from moving during the cast.

## Cleaning

Wet **Idrostop Mastic** can be removed from tools with common solvents (ethyl acetate, benzene, toluene). Once reticulation is complete, tools can only be cleaned mechanically.

## PACKAGING

Carton boxes containing 24 - 290 ml cartridges.

## CONSUMPTION

Approximately 250 ml per 10 linear meters of **Idrostop**.

TECHNICAL DATA (typical values)	
<b>PRODUCT IDENTITY:</b>	
<b>Consistency:</b>	thixotropic paste
<b>Colour:</b>	grey
<b>Specific gravity:</b>	1.40 g/cm <sup>3</sup> at +20°C
<b>Dry solids content:</b>	100%
<b>Storage:</b>	12 months in original sealed cartridges
<b>Solubility:</b>	insoluble in water
<b>Hazard classification acc. to EEC 88/379:</b>	none
<b>Customs class:</b>	3916 10 00
<b>Corrosive:</b>	non corrosive
<b>APPLICATION DATA:</b>	
<b>Application temperature range allowed:</b>	from +10°C to +40°C
<b>Skin formation time at +23°C – 50% H.R.:</b>	approximately 20 minutes
<b>Polymerization time:</b>	approximately 3-4 mm every 24 hours
<b>Shore A hardness (DIN 53505):</b>	50-55
<b>Ultimate tensile stress (DIN 53504):</b>	3 MPa
<b>Modulus of elasticity at 100% of elongation (DIN 53504):</b>	1.3 MPa
<b>Elongation at break:</b>	350-450%
<b>Resistance to temperature:</b>	-40°C - +100°C
<b>Waiting time before pouring concrete:</b>	24 hours
<b>Consumption:</b>	approximately 250 ml per 10 linear meters of <b>Idrostop</b>

### STORAGE

Store in a dry place at temperatures between +15°C and +25° C.

### WARNING

*N.B. - Although the technical details and recommendations contained in this product report correspond to the best of our knowledge and experience, all the above*

*information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical applications: for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in every case, the user alone is fully responsible for any consequences deriving from the use of the product.*

