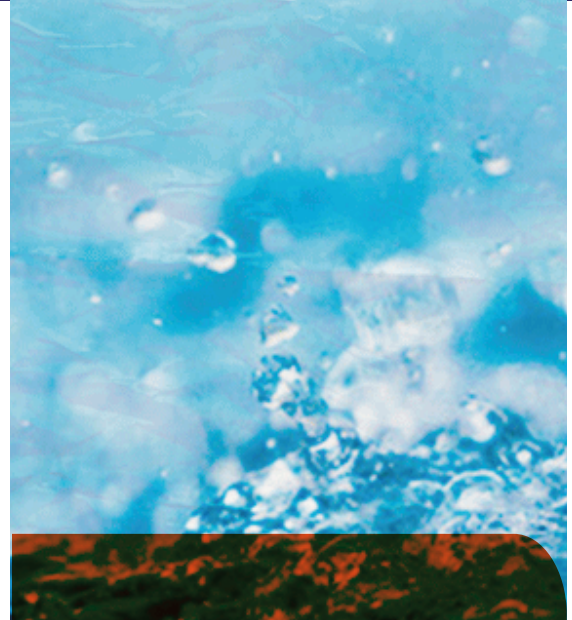


# AplicaPROOF MASTIC PU

Polyurethane putty



Valid to seal  
expansion joints



Elongation  
greater than 600%



Sealing all  
type of joints

## DESCRIPTION

AplicaPROOF MASTIC PU is a one-component polyurethane putty that cures quickly in contact with atmospheric humidity, forming a hard, elastic sealant with a medium-high modulus of elasticity. For sealing both vertical and horizontal joints. It has CE marking based on a Declaration of Performance (DoP) prepared in accordance with regulation EU305/2011.

## USE

These are some uses of AplicaPROOF MASTIC PU:

- To seal expansion joints, cracks that must be treated.
- Make half-rounds at the junctions between horizontal and vertical walls (liquid waterproofing) Glue and seal different construction materials: concrete, wood, aluminum, lacquered metal, polyester, glass, PVC, concrete and clay tiles, stone, ceramic tiles, earthenware
- AplicaPROOF MASTIC PU is highly recommended for joining fired clay and concrete tiles.

*Note: consult with our technical department about the application in other types of media or situations.*

## PACKAGING

Boxes of 20 units of 600 cm<sup>3</sup> each unit, gray color.

## EXPIRATION

Duration 12 months in hermetically closed original packaging. Temperature: store at a temperature below 35°C.

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## HANDLING AND TRANSPORT

Consult the existing product safety sheets, or contact our technical department.

## FEATURED

Application temperature	5~35 °C
Dry to the touch	30~60 minutes
Full cured thickness of 3 to 4 mm	24 hours
Elongation at break	> 600%

## PROCEDURE OF APPLICATION

### SUPPORTS PREPARATION

- The supports to be assembled must be flat, dry, free of dust, grease or contaminating agents that could impair the seal. If the supports have to be cleaned, acetone or, in any case, methyl ethyl ketone (MEC) can be used. Use solvents that comply with local regulations. Check the compatibility of the solvent used with the substrates.
- This sealant has good adhesion without primer on other current materials: most lacquered metals, polyester, glass, stone, ceramic tiles, although apply a primer if necessary.
- When using solvents, turn off all ignition sources and follow the manufacturer's safety and handling instructions for this type of product. Polish metal surfaces if necessary. Clean after sanding.
- Let the surfaces dry after degreasing.
- It is recommended to strip the concrete with a metal brush.

### CAULKING

- AplicaPROOF MASTIC PU is applied with a manual or pneumatic gun on clean and dry surfaces, without traces of grease, at temperatures between 5 and 35 °C. Any trace of grease, paint or non-adherent coating must be systematically removed.
- After application, each joint will be pressed into the "joint lips" and smoothed using a wet putty knife. This product should be used within 24 hours after opening the cartridge protection. Do not apply the sealant at a temperature below 5°C. In case of cold weather application, store cartridges or sausages at 20°C before use.
- During polymerization, avoid all contact with unpolymerized MS polymers, hybrid PU or silicones and also with alcohols or ammonia.

### CLEANING

- Clean tools with acetone or MEC when the sealant is not polymerized.
- After curing, abrasion is necessary.

## PROCEDURE OF APPLICATION

Ø CONDUIT (mm)	2	3	4	5	6	7	8	9	10
Strip length (m)	190	85	47	30	21	15	11	9	

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## TECHNICAL CHARACTERISTICS

Consistency	doughy
Color	grey
Density	1.18 ± 0.05 g/cm <sup>3</sup>
ISO 7390 spill	Null
Skin formation, surface curing	±70min
Cured	3mm/24h
ISO 10563 volume loss	<10%
Modified ISO 8340 tear resistance	compliant
Adhesion/cohesion tensile strain properties maintained, immersion in salt water for 28 daysISO 10590 modified	without breakage
Adhesion/cohesion strain properties under sustained tension at -30°C ISO 8340 modified	without breakage
Durability ISO 8340/9047/10590	compliant
Temperature resistance	-40~80°C
100% ISO 8339 module	±0.4 MPa > 500%
Elongation at break ISO 8339	> 500%
Tear resistance DIN 53515	±10N/mm
Application temperature	5~35°C
Resistance to dilute acids and bases	half
UV resistance	half
Resistance to water and salt mist	excellent
Paint Compatibility	water based: yes solvent base: perform a prior test
Specific dates	100% modulus (ISO 37) : ca. 0.3MPa modulus of rupture (ISO 37) : ca. 1.4MPa

## NOTE

Recommendations for use are based on our knowledge and experience. The technical data has been obtained under normal laboratory conditions, and may vary depending on the conditions of installation. Since the application conditions are not controllable by us, the information in this sheet does not imply the responsibility of the company.