

# PUMAST 600

Elastic, One Component  
Polyurethane Sealant



## Description

**PUMAST 600** is an highly elastic, low modulus polyurethane sealant, with good UV resistance and excellent adhesion to typical construction materials.

**PUMAST 600** is one component and cures with moisture to form a flexible sealant which can be overpainted after curing is finished. The sealant is non sagging, highly thixotropic, easy smoothing and has good workability. It is a perfect product for all types of static and dynamic expansion joints of structural members.

## Usage Areas

**PUMAST 600** is designed for civil and industrial movement, expansion, control and dilatation joints in architectural and heavy construction. To be used as a sealant between concrete, mortar, brickwork, natural and synthetic stone, metal, steel, aluminium, wood, ceramic tiles, rigid plastics etc.

## Technical Data

Colours	: White, grey, black
Chemical basis	: Polyurethane
Viscosity	: Non sag
Specific gravity	: Apr. 1,25 g/cm <sup>3</sup>
Inflammability point	: > 60°C
Freezing point	: < - 10°C
Curing speed at	: 25°C and 50 % R.H. 2mm after: 24 hrs
Skin formation	: Apr. 3 hours
Hardness Shore A	: 25, 40 and 50 Shore
Elongation at break	: Apr. % 600
E Modulus	: 0,22 Mpa
Recovery from deformation	: 85 %
Shrinkage	: 5 %
Admissable joint movement	: ±25 %
Temperature resistance	: - 40 to 80°C
Max. joint size	: 4 cm

## Surfaces Preparations

All surfaces must be perfectly clean, dry and free from dust and grease.

Where necessary apply a coating of primer on the joint walls. Use **PU 101 A** for porous (absorbing) surfaces like concrete, mortar etc.

## Joint design

The sealant should not adhere to the joint bottom; the use of a joint backing rod is recommended. It is advisable to effect preliminary adhesion tests. If the joint has a concrete protective system the compatibility of the joint coating with the sealant has to be verified.

## Application

Application of **PUMAST 600** is carried out by a suitable pres-out gun.

## Cleaning Of The Tools

Clean tools with solvent after use. Do not allow material to cure in tools.

## Consumption

For example;

5 mm x 5 mm	32 g/m
10 mm x 10 mm	130 g/m
15 mm x 10 mm	195 g/m
20 mm x 10 mm	260 g/m
25 mm x 15 mm	485 g/m



## Packaging

600 ml sausages  
(20 pcs per box)

## Storage and Shelf life

PUMAST 600 must be stored in original containers and under dry condition at 5°C to 25°C. Under these conditions shelf life is 12 months.

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