

31 july 2017

TECHNICAL DATA SHEET

POLYTIX 30.11 STD - POLYPROM 02



PRODUCT DESCRIPTION AND APPLICATION FIELD:

- Bi – component thixotropic polyurethane formulation, composed of a reactive polyol (component A) and a modified diphenylmethane diisocianato (component B), characterized by:
 - Good mechanical properties;
 - Good springback.
- The product is ideal for the production of foamed-in-situ gaskets, on horizontal or inclined surfaces. The formulation can be used in this main sector:
 - Electromechanical industry as a seal for the doors of switchboards / cabinets;
 - Automotive industry as a seal opening roofs;
 - Lighting industry as a seal of lamps or ceiling lights estate.

METHOD OF USE:

Due to a prolonged storage, the component A can undergo to a phase separation; before using it, homogenize the POLYTIX 30.11 STD by a slowly mixing.

Adding some air, during the polyol mixing in the tank, can adjust the density of the finished product and improve the homogeneity of the foam cells. The addition of air should be adjusted according to the type of foaming machine because an excess of air may result in defects on the foamed product.

Component B reacts with water, so you have to minimize the exposure to air and is recommended to use molecular sieves or a dehumidifier on the air line that pressurizes the tank.

The product adheres on painted surfaces such as powder epoxy paint.

The adhesion on stainless steel and on galvanized surfaces requires prior cleaning of the surface by the Steel and Glass Cleaner (PAV) and subsequent treatment with Primer 160 MB.

PHYSICAL AND CHEMICAL PROPERTIES OF THE PRODUCT:

Chemical properties	physical	POLYTIX 30.11 STD (A)	POLYPROM 02 (B)
Gravity		1 ÷ 1.02 g/ cm ³	1.18 ÷ 1.22 g/cm ³
Viscosity		65.000 ÷ 82.000 cps	65 ÷ 85 cps
Colour		black	amber

FINAL PRODUCT DATA:

Data have been collected on a sample of 20 g at a temperature of 20 ° C

Features after Polymerisation	
Mixing Ratio	POLYTIX STD : POLYPROM 02 100 : 23
Work temperature	23 °C ± 5°C
Pot time	37" ÷ 42"
Polymerisation Time	6' ÷ 8'
Foam density	170 ÷ 195 g/ dm ³
Hardness	35 ÷ 45 Shore 00

STORAGE INFORMATION:

Product	Metal Drum	Plastic Drum
POLYTIX 30.11 STD	200 kg	30 kg
POLYPROM 02	225 kg	28 kg (tank)

If stored in sealed original containers, the products expire after six months.

Hygroscopic products: store them in a dry environment.

Store at temperatures between +10 and + 30 ° C.

SAFETY INFORMATION ON THE WORKPLACE:

The working environment in which the material is used must be well ventilated. All regulations on safety and health with regard to the reactive resin (polyol) and hardening materials (isocyanate) must be applied. Observe the appropriate product safety data sheets.

Rev.10

Changing technical details