



adesivi

## TECHNICAL DATA SHEET

Review 001, 11/2016

Page 1 di 3



### PRODUCT

BLU GLUEPOX (M4101)

### FEATURES

BLU GLUEPOX combines all the characteristics of BLU mastic and the convenience of a dispensing gun. BLU mastic is a styrene-free product, nearly odourless, composed of unsaturated polyester resins and high boiling methacrylic solvents. Beyond low dangerousness and low health and environment impact, BLU products ensure an adhesive power comparable with much higher hazardous epoxy systems. BLU GLUEPOX glues porcelain gres, stoneware, granite, marble but also wood, glass, stainless steel and galvanised metals.

BLU products do not warp the supports, indeed they glue styrofoam without bend it. Moreover they are characterized by a null volumetric shrinkage.

### TECHNICAL DATA

Specific weight	1870 ± 20 g/l	(MI 001)
V.O.C.	37 ± 2 g/l	(ASTM 2369)
Viscosity	1600 ± 100 Pas	(MI 002, 002B ; 25°C)
Consistency	1200 ± 100 Pas	(MI 002B ; 25°C)
Thixotropy	400 ± 50 Pa/s	(MI 002B ; 25°C)
Colour	Straw-coloured, others	

### STORAGE

Keep the container well closed and stored in a cool (temperature below 25°C) and ventilated environment for a maximum period of 12 months from the date of production marked on the tin. Avoid direct sun exposure.

### SAFETY

During the application process and the drying time, ventilate the room. We strictly recommend the use of the appropriate PPE during the application. Before starting to use, read carefully the safety data sheet.

ILPA ADESIVI SRL

# TECHNICAL DATA SHEET







Review 001, 11/2016

Page 2 di 3

## APPLICATION

- Make sure that the surface to be treated is completely dry and clean;
- Place the cartridge into the dispensing gun ed aprire la valvola;
- Gently squeeze the trigger until both components are dispensing out of the cartridge. Remove any product that may have oozed out, place the mixing nozzle on the end of the cartridge and secure in place. (such procedure is necessary only the first time)
- The product is ready for use, mixing ratio errors are not possible
- Apply the product, dispensing it.
- After the application, release trigger pressure and close the valve. Simply leaving the mix nozzle in place, the adhesive will cure inside and effectively “cap” both sides.
- When ready to use the cartridge again, simply open the valve and substitute the now-gelled mix nozzle with a new one. Be sure to remove hardened pieces if they are present, because they could obstruct the fresh product flow.

	Application	Dispensing gun	
	Gel time	5 – 6 min	(MI 003; 25 °C)
	Set time	15 min	(MI 021; 25°C)
	Full dry	1 h	(MI 012; 25°C)

## ADDITIONAL INFORMATION

**DRYNESS** (MI 012; 1 – 3 % benzoyl peroxide)

TEMPERATURE (°C)	GEL TIME	SET TIME	FULL DRY
25	5 – 6 min	15 min	1 h
40	< 5 min	10 min	30 min

## TECHNICAL DATA SHEET

Review 001, 11/2016

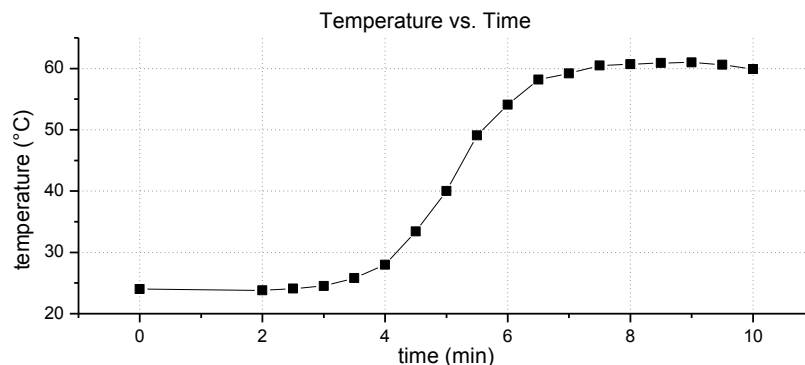
Page 3 di 3



Note: Depending on the environmental conditions, the product may be sticky even after 24 hours from the application, but it does not affect the above mentioned characteristics. Laboratory tests, made in drastic environmental conditions, guarantee the adhesive qualities, resistance and polish without any damage for the abrasives.

Gluepox BLU adheres well on several kind of materials: porcelain gres, glass, stoneware, granite, concrete and natural stone, but also metals such as iron, aluminum, steel, stainless steel and galvanized metals. Gluepox BLU can be used on elastic substrates too, like wood, cork, fiberglass, plastic, abs, or directly on styrofoam, with an high adhesion. If it is necessary to use Gluepox BLU on another kind of material, it is necessary to perform some adhesion tests.

After hardening avoid the contact with strong acids and bases, which could compromise mechanical properties. Avoid outdoor use in presence of high humidity or frost, not only during its application but also in the future.



Catalysis (MI 003) has been performed with 2% of benzoyl peroxide