adesivi

TECHNICAL DATA SHEET

PRODUCT

BLU MASTIC Styrene-free (M2144, M4101)

FEATURES

Thanks to the total absence of styrene, BLU Mastic is an ultimate product suitable for welding and filling any kind of marble and natural stones. The new formula, a mix of unsatured polyester resins and high boiling acrylic and methacrylic solvents, has got better physical and mechanical characteristics than common mastics. BLU mastic has an impressive adhesive features on stones, marbles and concrete; in the meantime, it reduces health risks since the product is not dangerous.

Its versatility in the application is granted by Tixo and Liquid versions, both fast drying to speed up your work.

TECHNICAL FEATURES

	TIXO	LIQUID	
Specific Weight	1870 ± 20 g/l	1700 ± 20 g/l	(MI 001)
V.O.C.	37 ± 2 g/l	33 ± 2 g/l	(ASTM 2369)
Viscosity	1600 ± 100 Pas	16 ± 1 Pas	(MI 002, 002B ; 25°C)
Consistency	1200 ± 100 Pas	/	(MI 002B ; 25°C)
Thixotropy	400 ± 50 Pas	/	(MI 002B ; 25°C)
Colour	Straw-coloured	Straw-coloured	

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
Via Ferorelli, 4 – Zona Industriale – 70123 BARI – Italy – Tel. **0805383837** – Ass. Tecnica Tel. **0805308036** – Export Dept. **+390805308035** - Fax **+390805377807**
Email: ilpasrl@ilpa.it – http: // www.ilpa.it – Cap. Soc. € 218.400,00 i.v. – R.E.A. n. 152397 – Cod. Fisc. e P. IVA n. IT 00465900728 – Reg. imp. Bari n. 6525

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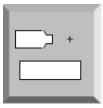
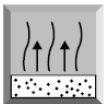
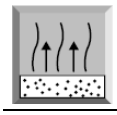
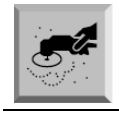
APPLICATION

- Make sure that the surface to be treated is completely dry and clean;
- Draw the needed quantity from the tin by using clean tools, adding 1 to 3 grams of hardener per 100 grams of product;
- Mix well the two components;
- Apply the mastic on the surface you want bonding of filling. Keep in mind that the mastic can be polished after 30 minutes; hardening time will shorten if the temperature is over 25 °C and will longer if lower;
- Do not put any unused product back into the tin to avoid deterioration of the entire content;
- Close the tin after using, to avoid the product hardening in contact with air.

	Application	Putty knife
	Hardener	1 – 3 % benzoyl peroxide
	Gel time	5 – 6 min (MI 003; 25 °C)
	Tack free time	40 min (MI 012; 25°C)
	Total drying	3 h (MI 012; 25°C)
	Polishable	3 h (MI 012; 25°C)

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ADDITIONAL INFORMATION

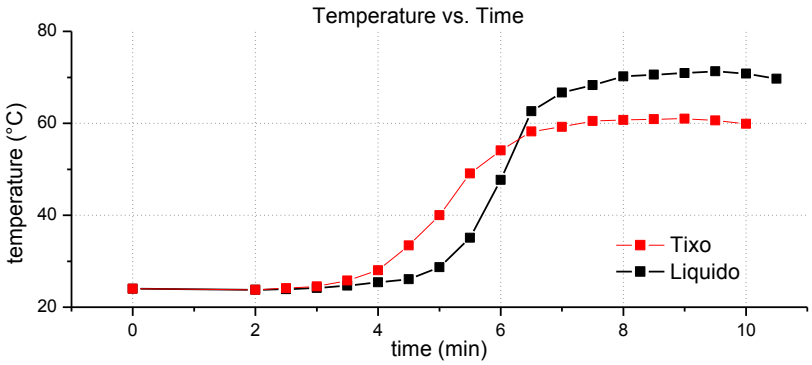
DRYING (MI 012; 1 – 3 % benzoyl peroxide)

TEMPERATURE (°C)	GEL TIME	TACK FREE TIME	TOTAL DRYING
25	4 – 6 min	20 min	3 h
40	< 3 min	10 min	1 h

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.*

BLU mastic adheres well to various substrates: porcelain, cement, glass and natural stones, but also on metallic substrates such as iron, steel, inox, aluminium and galvanised sheet metal. BLU mastic can be applied on very elastic materials like wood, fiber glass, cork, abs and also polystyrene and it has always an high adhesion. If used on another material not mentioned above, it is recommended to perform some 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