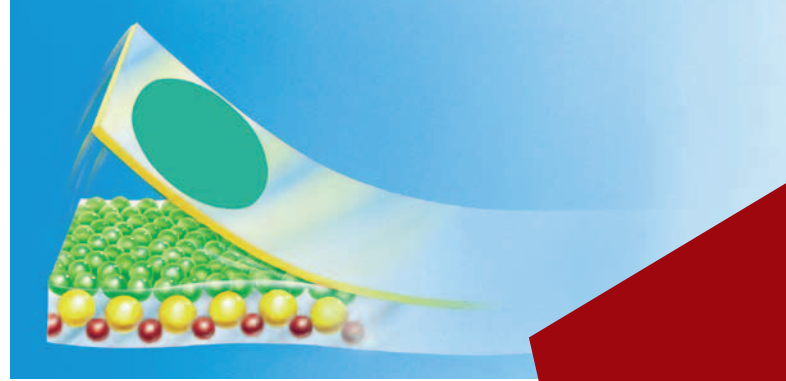


# Bluestar Silicones adhesion Primers

## THE PRIMER RANGE

The Bluestar Silicones Primer range is made up of a series of surface treatments designed to allow Bluestar Silicones Elastomers to achieve optimal adhesion to many different surfaces. Bluestar Silicones Primers are products in solution form that dry in air, containing a siloxane that reacts with atmospheric humidity.



## RECOMMENDATIONS

- ◆ Processing is particularly easy, since **Bluestar Silicones Primers** are delivered ready-to-use. In all cases they must be applied to perfectly clean and dry surfaces.
- ◆ **Bluestar Silicones Primers** are applied with a dry cloth or a fiber pad in a thin and uniform coat.
- ◆ After applying **Bluestar Silicones Primers**, it is recommended to leave a minimum drying time before applying the elastomer on the treated surface. A maximum waiting time before applying the elastomer must also be complied with (see technical data table).
- ◆ To avoid any problems with hydrolysis, it is recommended not to leave the tin of primer in contact with atmospheric humidity by closing the container after each application.

## BENEFITS

- ◆ When used with **Bluestar Silicones Elastomers**, the primers have the following advantages:
  - **Optimizing RTV adhesion on a wide variety of surfaces.**
    - > **Polar plastics: polyamide, polycarbonate, ABS, etc.**
    - > **Composite materials, glass fibre, epoxy resin.**
    - > **Aluminium.**
    - > **Polished or unpolished stainless steel.**
    - > **Painted, zinc-plated, chrome-plated steel.**
- ◆ **Quickly develop good surface adhesion. It is essential for all surfaces to be clean, dry and free from any contaminants before applying a primer or an RTV.**

## RANGE

	Bluesil Primer 131	Bluesil Primer PM820/PM820 UVT*	Bluesil Primer PM824	Bluesil Primer 10073
Main Characteristics	Metallic powder coating & substrates, stainless steel, aluminium, Zn or Cr –plated steel	Metallic substrates Plastic substrates (ABS, PA, PC...)	Painted steel, epoxy/PES powder coatings, metallic substrates	Aluminium, stainless steel, zinc and alloys, PES powder coating, fluorinated resin based substrates
Product Category	Liquid	Liquid	Liquid	Liquid
Colour	Transparent	Light Yellow, Transparent	Transparent	Transparent
Specific gravity at 25°C approx.	0.79	0.75	0.82	0.8
Viscosity at 25°C, mPa.s, Approx.	3	1	1	2.5
Non volatile Substance contents	N/A	N/A	5%	>25%
FLASH POINT, °C, approx.	12	<0	27	16
Diluent	Aliphatic hydrocarbons	Aliphatic hydrocarbons	Aliphatic hydrocarbons	Isopropanol
Solvent	Isopropyl alcohol	Petrol E (93-114)	octamethyltrisiloxane	Isopropanol, hydrocarbures aromatiques et aliphatiques
Minimum drying time Maximum drying time Before elastomer apl.	1 min to 6 Hours	1-3 min to 6 Hours	15 min to 6 Hours	15 min to 3 Hours
Shelf life/Packaging	24 months /800 gr	12 months /0.75-20 kg	18 months /500 ml	18 months / 0.8-20 kg

\*PM820 UVT: adhesion promoter PM820 is available containing an UV tracer (UVT) to visualize areas where primer has been applied.

- ◆ **Bluestar Silicones Primers** are sold in 400g to 800g cans. As for all our products, our direct sales network, backed up by our local specialist distributors, allows us to provide a high-performance service.
- ◆ For Specific Technical Recommendations please contact your Sealing & Bonding Customer Service Laboratory.



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