

# 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.



### > Advantages

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.
- Aluminum.
- 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.

### > 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 amount of drying time before applying the elastomer on the primed surface. A maximum waiting time before applying the elastomer must also be complied with (see table on the other side of the technical data sheet).

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.

# Range

	P 131	PM 820/PM 820 UVT**	PM 824
Product category	Liquid	Liquid	Liquid
Main characteristics	Adhesion promoter for RTV silicones	Adhesion promoter for RTV silicones	Adhesion promoter for RTV silicones
Colour	Transparent	Light yellow, transparent	Transparent
Specific gravity at 25°C approx.	0,79	0,75	0,82
Kinematic viscosity at 25°C, mPa.s, approx.	3	1	1
Flash point* (closed cup), °C, approx.	12	< 0	27
Non-volatile substance content	N/A	N/A	5 %
Diluents	Aliphatic hydrocarbons	Aliphatic hydrocarbons	Aliphatic hydrocarbons
Solvent	Isopropyl alcohol	Petrol E (93-114)	Octamethyltrisiloxane
Minimum drying time before elastomer application (min)	1	1 to 3	15
Maximum waiting time before elastomer application (h)	6	6	6
Shelf life from the date of production (months)	18	6	18
Packaging	800g container	800g container	400g container

\*standard Afnor T60 103

\*\*PM820 UVT: presence of a fluorescent marker.

**Bluestar Silicones Primers** are sold in 400g to 800g cans.

As for all of 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 Bluestar Silicones service center.

