

SINPOL S3-600

PU Foam For Sprayed Applications

SINPOL S3-600 is PU rigid foam system for sprayed applications. Thanks to its viscosity is to be used at temperatures up to 40°C. During application foam rises to a smooth surface what makes easier application of next possible layers. Technological parameters of the system, especially the starting time, will be set up along the customer requirements. It contains no CFC blowing agent and is therefore suitable for applications where environmental considerations are important.

SINPOL S3-600 is suitable for high- pressure dispense equipment. For practical use, we recommend these instrument set up:

Spray gun temperature: 40°C

Hose temperature: 35°C

These may be varied slightly according to machine, gun type and ambient conditions.

Typical Properties of SINPOL S3-600

Appearance	Resin Isocyanate	Clear amber-coloured viscous liquid. Dark brown viscous liquid.
Specific Gravity (20°C)	Resin Isocyanate	1.10 g/cm³ 1.24 g/cm³
Viscosity (25°C)	Resin Isocyanate	350 mPa.s 260 mPa.s
Volume Ratio	100 Resin	100 Isocyanate
Reaction Times	50g laboratory mix at 20°C Cream time Gel time Tack-free time	4 Secs 6 Secs 12 Secs
Free-Rise	Cup density	600 kg/m³
In-Place Density		600 kg/m³
Rating of Foam Flammability	DIN 4108	B3 (B2 optionally)

Please note:

To ensure good adhesion and optimum foam properties, substrate temperatures should be at least 15° C. The edge conditions are:

Surface temperature: min. 15 °C

Air temperature: 15 °C

Humidity: 70 %.

Apply on the dry and clean surface only.

Flammability ratings do not reflect the level of hazard, which might exist in practice.

Whilst every effort is made to ensure its accuracy, the data held on this sheet is meant for informational purposes only. The typical properties listed are the result of extensive laboratory tests, but since the supplier has no control over the end use of each material, we cannot guarantee these results are obtained in practice. Users should conduct their own tests to determine the suitability of each material to its intended application. See Safety Data sheet for safe-handling information.

No. Issue: 1	Change: 0	Date: 1. 8. 2007	Page 1 (of 1)
---------------------	------------------	-------------------------	----------------------