

**STARproof****8000-P****Product Data Sheet****PRODUCT DESCRIPTION**

Starproof 8000-P is a formulated resin component for spray applied polyurea designed to react with Starproof 8000-ISO. This system can be used as general-purpose protective lining, waterproofing for commercial & industrial facilities, impact protection, secondary containment linings, tunnel construction, etc.

Sampling

Moisture access should be prevented, formulation should be agitated before sampling and application.

Direction of Use

Starproof 8000-P can be only applied using high pressure heated plural component spray equipment by trained and approved applicators.

Surface should be prepared as per the recommendations. Both Resin and MDI component drums should be fitted with desiccant dryers.

Packaging

200 kg Drums

Storage

Shelf life from time of delivery: 6 months provided if it is stored in sealed tight containers where moisture cannot enter.

Recommended storage temperature. between 20 - 30°C

Surface Preparation

All substrates should be thoroughly cleaned and properly prepared before applying **Starproof 8000-P**. It is recommended to seal porous low-quality concrete surface with appropriate primer before application.

Specification

Properties	Test Method / Conditions	Value
Mixing Ratio	By volume	1 : 1
Tack Free Time	@ 23°C	7– 10 secs
Recommended membrane thickness	Concrete Steel	Min 2 mm
Min 1 mm		
Application Temperature*	Ambient & substrate	-5°C – 50°C
Material Temperature*	Pre-conditioning	25 – 30 °C
Material Temperature*	Spraying	65 – 75°C
Application Pressure*		150 – 180 bar
Relative Humidity	Application	Max 98%
VOC	ASTM D-1259	0
Solids Content	ASTM D2697	100 %
Hardness	ASTM D 2240	90 ± 3 Shore A
Tensile strength	ASTM D 412	≥ 16 Mpa
Elongation at Break	ASTM D 412	> 400 %
Tear Strength	ISO 34-1	>30 N/mm
Pull off Strength (Concrete)	ASTM D 903	≥ 1.5

Labeling and REACH applications

This product data sheet is only valid in conjunction with the latest edition of the corresponding Safety Data Sheet. Any updating of safety-relevant information in accordance with statutory requirements – will only be reflected in the Safety Data Sheet, copies of which will be revised and distributed. Information relating to the current classification and labeling, applications and processing methods and further data relevant to safety can be found in the currently valid Safety Data Sheet.

UAE

Tel. +971 6 5611411
uae@star-uae.com
www.star-uae.com

KSA

Tel. +996 12 677 7073
ksa@star-uae.com
www.star-uae.com

INDIA

Tel. +91 260 2220241
india@star-uae.com
www.star-uae.com

**STARproof****8000 ISO**

Product Data Sheet



PRODUCT DESCRIPTION

Starproof 8000 ISO is a modified diphenylmethane-4,4' diisocyanate which is liquid at the room temperature. It is Specially designed for polyurea spray elastomer applications.

Sampling

Exposure to moisture must be prevented when taking product samples, storage and Handling.

Storage

Shelf life from time of delivery: 6 months provided if it is stored in sealed tight containers where moisture cannot enter. Recommended storage temperature. between 20 - 30°C

Direction of Processing

Starproof 8000 ISO is highly sensitive to moisture. It will react even with trace amounts of water to form gel like to solid elastomer particles. Moisture access in any form should be prevented during storage of the product. Canister and drums which have been opened to remove materials should be immediately be tightly resealed. Prolonged storage at temperatures below 0 °C or above 40 °C may have an adverse effect on product quality and should therefore be avoided.

Labeling and REACH applications

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Specification

Property	Test Method	Value
Viscosity @ 25°C	PPS-QC-003	800 ± 200 mPas
Density @ 25°C	PPS-QC-002	1.12 ± 0.05 g/ml
NCO Content	PPS-QC-005	15 ± 0.5 % by wt

Packaging

200 Liter steel drums, IBCs and tank containers on request.

UAE

Tel. +971 6 5611411
uae@star-uae.com
www.star-uae.com

KSA

Tel. +966 12 677 7073
ksa@star-uae.com
www.star-uae.com

INDIA

Tel. +91 260 2220241
india@star-uae.com
www.star-uae.com