

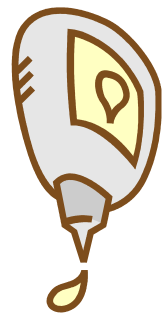
## PRODUCT DATA SHEET – PU 59 GLUE

### I. CHEMICAL BASE / APPLICATIONS

Urethane prepolymer polymerizing with the humidity of the air.  
Base Diisocyanate: MDI (Diphenylmethane Diisocyanate).  
Single-component glue designed for gluing flexible materials such as:  
Rubber fibres or granules (EPDM, SBR, BR, etc.), soft foams (PU or other),  
Artificial Turf, Wood, Concrete or Coated Material.

### II. PRODUCT PROPERTIES

Solids content DIN 53 189	92.6%	+/- 0.4%
Density DIN 51 757	1.10	+/- 0.03g / cm <sup>3</sup>
Viscosity at 20°C	4,400	+/- 600 cP
NCO content in % DIN 16 945	11%	+/- 0.5%
Flash point DIN 52 785	>200°C	
NCO equivalent weight	383	+/- 7



### III. HARDENING

The process starts at ambient temperature by a reaction with water vapour or with atmospheric humidity.  
A higher temperature and a high humidity rate shorten the setting time.  
The surface can generally be used 24 hours after laying.  
Total hardening time is between 3 and 5 days.  
During the hardening, the temperature should not fall below + 10°C.

### IV. RECOMMENDATIONS FOR USE

The surface must be clean and dry, and free from any oil or grease.  
The base must be insulated from rising humidity and be more than four weeks old.  
Base: > 10°C and <4 to 5% humidity (carbide moisture tester).  
Ambient : > 10°C and <80% humidity.  
Note: In addition, and for information, the water content must be less than 3.5% at a depth of 10mm when checked with a Krüger 518 S-type tester and less than 4% at 20mm when checked with a Tramex-type tester.  
Ground and air temperature should not fall below + 10°C.  
Do not apply to a wet base as the glue could foam significantly and fail to stick.  
Avoid soiling the surface of the tiles. At the intersection of the joints, the seepage must be done with care.

Allow a **trickle** of glue to seep between the joints. Do not leave any visible excess glue (wipe with a cloth).

The glue turns yellow as it dries. During laying, the glue foams and seeps into the pores of the rubber conglomerate. Warning, if too much glue is applied, it will become visible as it dries.

An even surface of HEXDALLE® tiles is obtained once the glue has dried.

Models, drawings and names are registered. No copy or reprography is permitted without prior written authorization.  
This manual was reviewed in February 2016 and may be updated; please make sure this is the latest version.

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## V. CONSUMPTION

1kg for 10 sqm of HEXDALLE® tiles.

1kg for about 100 P1/P2 HEXDALLE® edging tiles.

Apply the glue to the section of the tiles and the edging tiles. Do not use too much glue. Quantities should be respected.

## VI. PRECAUTIONS

Wear personal protective equipment.

Take general protection and hygiene measures: keep away from food products, drinks and animal feed.

Avoid any contact with the skin and the mucous membranes, and avoid inhalation.

Immediately remove soiled or dampened clothes.

Avoid any contact with the skin and the eyes.

Protect hands by wearing gloves.

Protect eyes by wearing airtight protection glasses.

Protect the body by storing work clothes separately.

Please read the safety sheet before use.

## VII. OTHER INFORMATION

Packaging	1-Kg bottle. Other types of packaging are available on request. Bottle with pourer.
Storage	The glue should be kept in a dry place and stored at a temperature higher than + 5°C . Ideal storage temperature: between 15 and 20°C.
Stability	Between 15 and 25°C, the product can be kept for at least 3 months. Once opened, products should be used quickly.
Note	Our advice on technical applications is given without any guarantee whatsoever. Buyers of our products are responsible for their application or their transformation, even as regards any third party rights.

*Manufactured by Stockmeier Urethanes France SAS*

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