

## Technical Data Sheet



# Elastan® 6568/120/S

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## Application

Elastan 6568/120/S is a free of solvent, unfilled and transparent 1k aliphatic polyurethane. Elastan 6568/120/S is a moisture curing adhesive for binding of stones and mineral aggregates. Suitability must be examined by the user prior to commercial use.

## Chemical Characteristics

Preparation based on: polyfunctional polyisocyanate, catalyst, stabilizing agents

## Supply

The type of supply for the components will be decided after consultation with our Sales Office.

## Storage, Preparation

Polyurethane components are moisture sensitive. Therefore they must be stored at all times in sealed, closed containers. More detailed information should be obtained from the separate data sheet entitled "Information for in-coming material control, storage, material preparation and waste disposal" and from the component data.

## Possible Hazards

Isocyanate irritates the eyes, respiratory organs and the skin. Sensitisation is possible through inhalation and skin contact. MDI is harmful by inhalation. On processing these, take note of the necessary precautionary measures described in the Material Safety Data Sheets (MSDSs). See also our separate information sheet "Safety- and Precautionary Measures for the Processing of Polyurethane Systems."

Use our Training Programme "Safe Handling of Isocyanate."

## Waste Disposal

More detailed information is provided in our country-specific pamphlet.

## Consumer articles, medical products

There are national and international laws and regulations to consider if it is intended to produce consumer articles (e.g. articles that necessitate food or skin contact, toys etc.) or medical objects out of BASF products. Where these do not exist, the current legal requirements of the European Union for consumer articles as well as medical products should be sufficient. Consultation with our Sales Office and our Ecology and Product Safety Department is strongly recommended.

## Component Data

Characteristics	Unit	Value	Method
Density (25°C)	kg/cm <sup>3</sup>	1120	G 133-08
Viscosity (25°C)	mPa·s	4200	G 133-07
NCO content	%	15.5	G 133-06
Shelf-life	months	6	
Colour:	transparent		

In order to ensure an even distribution of binder and to avoid chalking on the surface, stone carpets made of solvent-free polyurethane components must be impregnated after installation and, depending on the load, at regular intervals.

You can ask your sales partner for the appropriate products.

The relative humidity must be between 40 % and 80 %. Processing must only be carried out at a constant or falling temperature. The entire surface must be protected from direct contact with water during the entire curing phase.

The minimum layer thickness for trafficable surfaces is 40 mm.

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