

## PU BINDER 1128

### POLYURETHANE BINDER FOR TILE INDUSTRY

#### GENERAL CHARACTERISTICS

Aromatic polyisocyanate-prepolymer binder based on diphenylmethane diisocyanate.

**PU BINDER 1128** cures with air humidity, and of course with heat under pressure, has low viscosity and is solvent free. Combines and bonds Recycled Rubber granules, EPDM granules and sponge particles. Also it can be used as lining for insulation and for pasting.

#### TECHNICAL DATA

Density (25°C)	1.1 – 1.2 Kg/Lt
Viscosity (25°C)	5.000 – 10.000 mPa.s
Pot-life (25°C)	30-75 min.
Application temperature	Min 10°C
Curing (25°C and %60 relative humidity)	After 24 hours it cures.
Color	Clear transparent brown

#### PREPARATION-APPLICATION

Can be used for rubber tiles production.

**Moulded in production:** Rubber granules and binder are mixed, taken into moulds, and then pressure is applied. 160 bar pressure, mold temperature of 130 degree gives reasonable results in 12 - 14 minutes. In molding applications, binder should not fall below 5% of Rubber Granules by weight.

#### PACKAGING

220kg in barrels.

#### STORAGE

9 months in unopened containers in cool and dry places, under shade and without humidity, with minimum temperature 5°C and maximum temperature 30°C.

#### REMARKS

- Working time of **PU BINDER 1128** decreases when ambient temperature rises.
- Prolonged storage of partially used containers containing **PU BINDER 1128** must be avoided as contact with atmospheric moisture will result in skinning and clouding of the product.

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## CAUTION

The application must take place in well-aired places using protective gloves. Skin or eye contact must be avoided, otherwise wash carefully with soap and water.

**For more information consult the material safety data sheet.**

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The information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, because of numerous factors affecting results we offer this information without any guarantee and no patent liability is assumed. For additional information or questions, contact the technical department of KDF LTD.

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