

PU BINDER 1148

POLYURETHANE, ONE-COMPONENT BINDER

GENERAL CHARACTERISTICS

PU BINDER 1148 is a moisture-cured, low viscosity, one component, fast-curing polyurethane binder. It contains no solvent.

Used for the manufacturing of rubber safety tiles, prefabricated rolls, kids wet-pour playground floorings, running tracks, sports grounds, in walkways and offices.

<u>TECHNICAL DATA</u>		UNITS	VALUES	TEST METHOD
	Color	-	Pale yellow	-
	NCO	%	10-11	ASTM D 5155
	Viscosity at 25°C	mPa.s	1100-4000	ASTM D 4889
	Density at 25°C	kg/L	1.03-1.13	ASTM D 891
	Acidity (as HCl)	%	<0.05	-

PREPARATION- APPLICATION

Molded in production:

Rubber granules and **PU BINDER 1148** are mixed, taken into moulds under pressure and high temperatures. Rigid parts are obtained like in the form of different types of safety tiles or rolls. 150-170 bars pressure, mold temperature of 120-130°C gives reasonable results in 10-15 minutes. In molding applications, binder should not fall below 5% of rubber granules by weight.

On-site applications:

PU BINDER 1148 mixed with SBR or EPDM, in any granulometry, and applied to entire sport/playground field with the help of special machines (paving machine) in the desired thickness. After this layer is cured, the necessary controls need to be done.

STORAGE

One year in unopened containers in cool and dry places, out of sunlight, with minimum temperature 15°C and maximum temperature 30°C.

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KDF

Sports Flooring Systems & Building Materials
50 YEARS OF EXPERIENCE

PACKAGING

215kg in barrels.



CAUTION

The application must take place in well-ventilated 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.

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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