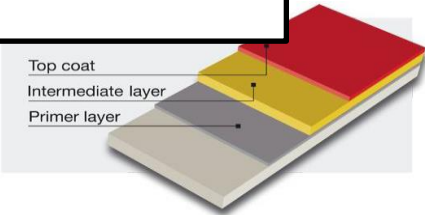




FLOOR SYSTEMS



TAMAFLOOR PU

PU SOLVENT FREE SELF-LEVELING SYSTEM

Features

TAMAFLOOR is a two part, solvent free, very low VOC emission certified, elastic, self-smoothing PUR resin.

Advantages

- Very low VOC emissions.
- Solvent free.
- Permanently elastic (crack bridging).
- Good mechanical resistance.
- Reduces footfall sound.
- Easy to apply.
- Low maintenance finish.

Applications.

- Particularly suitable for hospitals, schools, sales premises, showrooms, entrance halls, lobbies, open-plan offices, museums.....

Key data

TAMAFLOOR PU

CHEMICAL BASE

Solids %

Density mix resin at +23°C.

	A		B
		PUR	
	100	1.4kg/ltr	100

Mechanical / Physical Properties

Tensile Strength Resin: ~ 8.0 N/mm² (14 days / +23°C) (DIN 53504)

Bond Strength > 1.5 N/mm² (failure in concrete) (EN 13892-8)

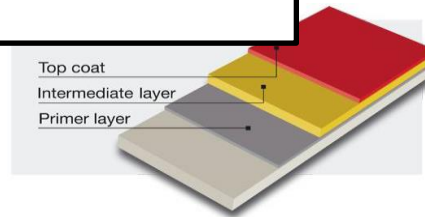
Shore A Hardness Resin: ~ 80 (14 days / +23°C) (DIN 53505)

Elongation at Break Resin: ~ 180 % (14 days / +23°C) (DIN 53504)

Tear Growth Strength Resin: ~ 25 N/mm (14 days / +23°C) (ISO 34-1)



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Preparation/Installation:

Concrete substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve an open textured surface. Weak concrete must be removed and surface defects such as blowholes and voids must be fully exposed.

Repairs to the substrate, filling of blowholes/voids and surface levelling must be carried out using appropriate products.

The concrete or screed substrate has to be primed or levelled in order to achieve an even surface.

High spots must be removed by e.g. grinding.

All dust; loose and friable material must be completely removed from all surfaces before application of the product, preferably by brush and/or vacuum.

Substrate Temperature +10°C min. / +30°C max.

Ambient Temperature +10°C min. / +30°C max.

Substrate Moisture < 4% pbw moisture content.

Relative Air Humidity 80% r.h. max.

Dew Point Beware of condensation!

The substrate and uncured floor must be at least 3°C above dew point to reduce the risk of condensation or blooming on the floor finish.

Mixing Part A : part B = 79 : 21 (by weight)

Mixing Tools / TAMAFLOOR PU must be thoroughly mixed using a low speed electric stirrer (300 - 400 rpm) or other suitable equipment.

Mixing Time

Packaging & Storage

TAMAFLOOR PU is supplied in 20kgs kits. The product has a shelf life of six months when stored at room temperature in the original sealed container.

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