

Rudol

technical information

- Product name : **VULKAFIX KLEBER VP 784** (Experimental product) Article 7840
Type : 2-component adhesive based on modified polyurethane.
- Viscosity : 3000 +/- 300 mPa.s at 20°C, measured with a Haake Viscotester VT 550, measure device E 100.
Solids : 30.0 +/- 1.5 % by weight.
Colour : transparent to whitish.
Spec. gravity : 0.88 +/- 0.01 g/cm³ at 20°C.
Consumption : 200 to 250 g/m².
- Use : Specially for bonding plastic foils with textiles made of natural and synthetic fibres, paper and other materials according to the one-side application method.
- Adhesive properties : The adhesive is water-proof, acid-proof, oil-resistant and highly heat-resistant : after addition of VERSTÄRKER (HARDENER).
- Hardener (Verstärker) : VERSTÄRKER is added to the adhesive before processing. The type and quantity of the hardener depend on the type of hardener and subsequent additional processing of the material.
- Bonding : The adhesive is stored and processed at the usual room temperatures of 18 to 25°C. The adhesive areas must be completely dry as well as free from grease and dust.
- Bonding method 1)** 1000 g ADHESIVE 784 are thoroughly mixed with 100 g VERSTÄRKER 220 NE. The pot life is ap. 8 hours. The adhesive-hardener-mixture is applied onto the foil and dried either approx. 20 minutes at room temperature or for a short period time by introducing heat (infrared or similar). For subsequent processing within 8 hours, the adhesive film is activated, put onto the counterpart and hot pressed.
- Bonding method 2)** 1000 g ADHESIVE 784 are thoroughly mixed with 60 g VERSTÄRKER 220 NE.L. The pot life is ap. 24 hours. The adhesive-hardener mixture is applied onto the foil and dried either for about 20 minutes at room temperature or for a short period of time by introducing heat (infrared, similar). Next, the coated foil is stored at ap. -18 to -20°C and taken out as required. Further processing to take place as described under **1)**.
- After removal from the hot press and short cooling-down, the bonding point has already a very high strength. The final strength, however, will be reached only after about 3 days.
- Solvent : We supply VERDÜNNER 220 for thinning and cleaning.

Before use, we would advise you to carry out your own tests.