

Temadur 90 for interior wood surfaces

Product code: 115-series
Hardener: 008 7596

A two component glossy polyurethane paint. When used with hardener 0087596, the product is recommended for interior wood surfaces. The hardener is not suitable for exterior use, because it might cause chalking to the surfaces.

APPLICATION

Recommended film thickness: 40µm dry/75µm wet

Mixing ratio: Base : hardener = 5 : 1 parts by volume.

Mix the right amounts of base and hardener thoroughly. Mechanical stirring or the use of a two-component spray equipment is recommended.

Pot life: 4h after mixing (+23°C)

Thinner: Thinner 1048 or 1067, by conventional airless spray also Thinner 1061.

To reach a favourable spray fan and an even surface at airless spray application the viscosity of the paint should be correct, the nozzle pressure high enough and nozzle of a right size.

APPLICATION CONDITIONS

All surfaces must be dry. The temperature of the ambient air, surface and paint should not fall below +15°C during application or drying. Relative humidity should not exceed 70%.

APPLICATION METHODS

Air-assisted airless and conventional spray.

In spray application the "wet-in-wet" technique is recommended: first a misty coat or a thin layer, then let the solvents evaporate for 2–20 minutes and then apply the final coat.

Air-assisted airless spray

Depending on the temperature of the components (base, hardener, thinner) the paint can be thinned 10–22% at airless spray application. Airless spray nozzle tip 0.009"–0.013", spray angle (30° - 50°) according to the shape of the object and the nozzle pressure 120–160 bar. The recommendation for viscosity (mixture) is 20–25s/DIN4.

Conventional spray

At conventional spray application the DIN 4 viscosity should be 20–25s (thin about 22 vol-%), the material nozzle diameter 1.2–1.6 mm and the atomizing pressure 2–4 bar.

DRYING

The product is touch dry after 4h/+23°C and 1h/+50°C

Dry to sand after min. 6h/+23°C and 2h/+50°C

The evaporation time should be min. 5 minutes before overing,

VOC

The Volatile Organic Compounds amount is 420 g/litre of paint mixture.

VOC content of the paint mixture (thinned 22% by volume) is 495 g/l.