

Dichtol HTR #0977

PROCESSING

PRODUCT DESCRIPTION

Dichtol HTR is an highly heat resistant polymersystem. Using dichtol HTR, porosities up to 0.1 mm can be closed. That guarantees high compressive strength even in components with difficult surface structures. Efficient use of the material can be guaranteed at local defects.

PROPERTIES

- High pressure resistance
- Resistant to corrosion and weather
- Dimensionally stable
- Heat resistant up to 500°C
- Vibration dampening

TECHNICAL DATA

Pore size [mm]	< 0,1
Permanent temperature resistance [°C]	-40 bis +500
Short term temp. resistance [°C]	-40 bis +550
Pressure tightness[bar]	bis 350
Viskosity DIN 4 Tin, +23°C	
DIN 53211 (4 mm Düse) [sec.]	12

PACKAGING SIZES

- 0,5 / 1 / 5 / 10 / 200 litre

SHELF LIFE

- 5 years in a sealed containers; store cool and dry

Preparation

Residual dirt, foreign particles, grease and other substances have to be completely removed from the pores.

Application

The object temperature should not exceed 30°C, since otherwise the ingress property of the product cannot be guaranteed.

Spraying & brushing: Apply dichtol generously (wet) and ensure a contact time of at least 5 minutes. Dichtol has to remain wet during the entire contact time. If nessessary, apply another layer of dichtol HTR after a few minutes.

Injecting: Deep holes, threads, pipes and tubes can be filled with dichtol HTR. After a contact time of at least 15 minutes, remove the excess material so the product can cure.

Curing

After predrying of 1 hour at room temperature, Dichtol HTR needs to cure 3 h at a temperature of 250°C.

Time of exposure [minutes]	
Pu 5mm wall thickness	10
5-10mm	15
10 - 15mm	20
> 15 mm	40

Curing	
Surface drying [minutes]	60
Surface film thickness [µm]	ca. 4
Curing at 250°C [h]	3



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