

RECKLI® PUR-Elastomer A 55 RECKLI® PUR-Elastomer A 55 Type K / special type for the ceramic industry

Properties

Elastic rubber-like two-component liquid polyurethane, cold-cure, nearly shrinkage-free, solvent-free.

Application

Manufacture of flexible models, fittings, formliners and moulds to facilitate stripping, exact reproduction of surface contours and textures. Easy stripping of casts by using suitable RECKLI-Release-Agents.

Colour tone

Standard is grey, also available in natural colour for a toning down by RECKLI PUR-Colour Pastes.

Processing

See separate pamphlet "General Processing Advices for RECKLI-Two-Component Resins".

Surface

See separate pamphlet "General Surface Pretreatment Advices when using One- or Two-Component RECKLI Resins".

Method of processing

Pouring, full cast or front cast.

Cleaning of equipment

With RECKLI EK-PU-Thinner, clean thoroughly, simply placing equipment in thinner is not sufficient.

Storage

Unopened drums may be kept in closed stores at +18° C for 6 month from date of delivery. Also see "General Processing Advices for RECKLI-Two-Component Resins".

Technical data

Mixing ratio by weight:	8 parts basic material 1 part hardener
Specific weight:	1.4 g/cm ³
Potlife:	approx. 20-30 mins. (200 g mixture at a room temperature of +21 ° C)
Working temperature:	+10 ° C to +30 ° C
Earliest stripping and loading:	after 24 hours (at +21 ° C)
Full chemical and mechanical loading:	after 7-10 days
Heat resistance:	
-dry heat:	until max. +65 ° C
-under concrete:	
24 hrs. demoulding time:	until max. +60 ° C
Shore A acc. to DIN 53505:	55
Tensile strength acc. to DIN 53504 S-2:	2 N/mm ²
Elongation at break acc. to DIN 53504 S-2:	280%
Tear resistance acc. to ASTM D624-B:	8-9 N/mm

These data are typical guide values. They are not destined for the generation of specifications.

Drum sizes

Double drums, hardener in drum lid,
22.5-kg; 13.5-kg; 4.5-kg; 1-kg;

Safety

Eyes and skin are to be safeguarded from material splashes. Please consult the relevant safety data sheet and attend to the indications on the label of the drums regarding Dangerous Goods Regulations.

This pamphlet is intended solely as an application directive. It does not claim to be binding and valid for all modes of application. We recommend the carrying out of a preliminary test application relevant to full scale application every time.

This pamphlet replaces all hitherto published pamphlets concerning RECKLI PUR-Elastomer A 55 and A 55 Type K.