

RECKLI[®] Si-Compound 26 AV

Properties

Pourable two-component silicone rubber, addition cure, cold curing, self-releasing, highly elastic, high tear resistance, translucent, identical reproduction of even the finest surface details. By adding RECKLI Si-Thickener Liquid AV (0.1 - 1%) a pasty or brushable consistency can be achieved. Under high temperatures the pot life and the period of time of the earliest demoulding will be considerably reduced.

Application

The manufacture of highly elastic moulds of dimensional accuracy with full-cast or jacket-cast method for the reproduction of replicas made of plaster, cement mortar, concrete, plastic resins and composit resins.

Caution! RECKLI Si-Compounds 26 AV is not compatible with heavy metal and sulphur materials or products containing amine (eg. condensation cure silicones, polyurethanes, rubbers, different kinds of natural products) Any contact with these substances causes the inhibition of the cold curing. A preliminary test is essential, especially for unknown surfaces.

Caution! RECKLI Si-Compound 26 AV is not absolutely resistant to polyester and PMMA resins. A preliminary test is essential.

Surface

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

Processing

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

Method of processing

Pouring, brushing or puttying.

Cleaning of equipment

Before material has cured, clean equipment thoroughly with RECKLI EK-PU-Thinner, simply placing equipment in thinner is not sufficient. When hardened, the material can be removed from tools due to the self-releasing effect.

Technical data

Hardener type:	26 AV	
Colour of hardener:	translucent	
Colour of base component:	translucent	
Mixing ratio (in parts by weight):	10 : 1	
Viscosity of the base component:	30000 mPa.s	(ISO2555)
Viscosity of the mixture:	14000 mPa.s	(ISO 2555)
Working temperature:	+10° C to +30° C	
Potlife:	60 - 90 mins	(at +21° C) 200 g mixture
Earliest stripping:	24 hrs	(at +21° C)
Shore-A hardness:	26	(DIN 53505)
Specific gravity:	1.10 g/cm ³	
Linear shrinkage:	0.1-0.2%	
Tensile strength:	3.6 N/mm ²	(DIN 53504-S2)
Elongation at break:	430%	(DIN 53504-S2)
Tear resistance:	20 N/mm	(ASTM D 624-B)
Heat resistance:	+160° C	
Odour:	neutral	

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

Drum sizes

Double drums, hardener in drum lid
5-kg; 1-kg.

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".

Safety

Protect skin and eyes from material splashes. Please consult the relevant safety data sheet and attend to the indications on the label of the drum 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 Si-Compound 26 AV.