

**OBO-Paste 36** seamless modelling paste, applied by hand

Applications		
• Light models	• Master models	• Repair works and improvements
Specific properties		
• easy to mix by hand • easy to model • dimensionally stable • easy manual processing	• very good adhesion • up to 40 mm layer thickness • long processing time	

Processing information			
		OBO-Paste 36 Resin	OBO-Paste 36 Hardener
Mix ratio	weight parts	100	100
Colour of the components		white	brown
Colour of the mixture		brown	
Viscosity at 25 °C	mPas	9000 – 18000 Thixotropic hardener	
Processing temperature	°C	18 up to 25	
Pot life at 25 °C (volume 1 L)	minutes	approx. 60	
max. layer thickness	mm	40	
Demouldable	hours	12	

Physical properties		
Density	approx. kg/m ³	500 +/- 25
Hardness (ISO 868)	Shore-D	55 – 60
Coefficient of thermal expansion after 3 days curing at room temperature (ISO 11359)	10 ⁻⁶ K ⁻¹	40
Deflection temperature (ISO 75)	°C	55 – 60
Compressive strength (ISO 604)	MPa	30
Modulus of elasticity from compression test (ISO 604)	MPa	2000
Flexural strength (ISO 178)	MPa	18
Linear shrinkage	mm/m	0,5

Packing units / article number			
SA570208	OBO-Paste 36 Resin 10 kg	SB564508	OBO-Paste 36 Hardener 10 kg

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Sitz der Gesellschaft: Stadthagen, Registergericht: Amtsgericht Stadthagen HRB 907.

Geschäftsführer: Swen Graf



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Storage
OBO-Paste should be stored in the original container at a temperature between 5 to 25 °C. Opened containers must be processed as quickly as possible and must be stored sealed. Important: If the material is stored below 18 °C, it must be acclimatized to at least 18 °C before using. This can take approx. 24 hours at room temperature for the 10 kg drums.
Processing
Smaller quantities, up to approx. 4 kg, can be mixed by hand. The components are kneaded into each other in a similar way to kneading dough until the mixture has a uniform colour. Larger quantities should be mixed with a mechanical kneading machine. The mixed paste is divided into approx. 0,5 kg portions and manually applied to the model surface in the desired layer thickness. When connecting the subsequent surface, ensure a joint-free transition.
Post-curing / tempering
Post-curing: 7 days at room temperature Tempering: 14 hours at 40 °C
Working and safety recommendations
Our products can be processed safely provided that certain precautions which are normally taken when handling chemicals are observed. The uncured materials must not, for instance, be allowed to come into contact with foodstuffs or food utensils, and measures should be taken to prevent the uncured materials from coming in contact with the skin, since people with particularly sensitive skin may be affected by allergic reaction. The wearing of impervious rubber or plastic gloves will normally be necessary; likewise, the use of eye protection. The skin should be thoroughly cleansed at the end of each working period by washing with soap and warm water. The use of solvents is to be avoided. Disposable paper - not cloth towels - should be used to dry the skin. Adequate ventilation of the working area is recommended.
Waste disposal
The material must be disposed correctly after consultation with the local waste company.
Legal notice
The technical data relating to the material and its processing has been compiled carefully and is correct to the best of our knowledge. The information cannot, however, be taken to be legally binding nor as any commitment that the material has certain properties or is suited for any particular purpose. The user must test the product for its suitability for the intended application. In addition, our terms and conditions of sale apply, which you can view and download from our home page www.obo-werke.de at any time. You will find our condition of sales on our homepage www.obo-werke.de