



# RenPaste™

Seamless Modelling Pastes

OBO-Werke GmbH & Co. KG  
are manufacturer and supplier for  
RenPaste™ seamless modelling pastes  
in Europe



# RenPaste™ seamless modelling pastes – the best quality for different requirements



## RenPaste™ seamless modelling pastes (applied by machine)

### standard types and packing units

#### technical data

Measured average values, given for information purposes only.

Type	RenPaste™ Resin XD 4601-1	RenPaste™ Hardener XD 4601-1	RenPaste™ Resin SV 4503-1	Ren® Hardener HV 4503-1	RenPaste™ Resin 4666	Ren® Hardener 4666
Colour	light brown	whitish	brown	white	dark grey	white
Applications	• styling model		• styling model • master model • moulds		• styling model • master model • moulds	
Mix ratio	100 : 100		100 : 100		100 : 100	
Minimum cure schedule at 23°C	machinable after 24 – 36 hours		machinable after 1 – 2 days		machinable after 1 day	
Density approx. g/cm <sup>3</sup>	0,52 - 0,57		0,70 - 0,80		0,90 - 1,00	
Hardness (ISO 868) Shore-D	40 - 45		55 - 60		60 - 65	
Coefficient of thermal expansion after 3 days at room temperature (ISO 11359) 10 <sup>-6</sup> · K <sup>-1</sup>	95 - 105		100 - 105		75 - 80	
Deflection temperature (ISO 75) °C	45 - 50		45 - 55		50 - 80	
Storage temperature °C	+5 up to +25	+5 up to +25	+5 up to +25	+5 up to +25	+2 up to +40	+2 up to +40
Packing units Article	75 kg SP V 0809408	75 kg SP V 0809208	32 kg SP V 0807508	32 kg SP V 0564608	40 kg SP V 1593708	40 kg SP V 1594208
Packing units Article			120 kg SP V 0807608	120 kg SP V 0807208	150 kg SP V 1593908	150 kg SP V 1594308

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.



## RenPaste™ seamless modelling pastes (applied by hand)

Type	RenPaste™ Resin SV 427-2	Ren® Hardener HV 427-1	RenPaste™ Resin SV 36	Ren® Hardener HV 36
Colour	brown	dark brown	white	brown
Properties/Applications	<ul style="list-style-type: none"> <li>• room temperature curing</li> <li>• general alteration or repair of models and patterns</li> </ul>		<ul style="list-style-type: none"> <li>• no pin holes</li> <li>• easy manual application</li> <li>• layer thickness 40 mm</li> <li>• light models</li> <li>• patterns and repairs</li> </ul>	
Mix ratio	100 : 100		100 : 100	
Pot life (1 liter, 25°C) min	40		60	
Density approx. g/cm³	0,6		0,5	
Maximum castable layer thickness mm	20		40	
Deflection temperature (ISO 75) °C	55 - 60		55 - 60	
Storage temperature °C	+2 up to + 40	+2 up to + 40	+2 up to + 40	+2 up to + 40
Packing units Article	10 kg SP V 0830608	10 kg SP V 0828208	10 kg SP V 0570208	10 kg SP V 0564508

## Properties

### RenPaste™ – seamless modelling pastes based on Epoxy

- 2 components extrudable paste
- Hand or machine application
- Applied with a metering / mixing machine on substrate
- CNC machined from CAD data after curing of the paste
- Once milled, no joints or voids are visible (seamless material)

# OBO-Werke your supplier for seamless RenPaste™ modelling pastes in Europe

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## Further Information

You can obtain the following information by fax or email:

- technical safety data sheets

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