

# Priming Guideline

## WIDOPAN-Liquid Waterproofing-Systems

### WIDOCRYL-Detail for junctions on roof-, balcony- and terrace- areas, flat roofs and concrete components

Surfaces	Pre-treatment	Primer	Comment
<b>Roofing sheets</b>			
Plastomer / Elastomer-bitumen sheet PYP/PYE (APP- Roofing sheets), grittend and smooth	Brush sharply.  Liquefy surfaces of smooth sheets by flaming and spread fire-dried quartz sand, grain size 0,3 – 0,8 mm.	No primer needed	In general, it is possible to apply WIDOCRYL-Primer PM to the surfaces. This does not result in a negative modification of the properties of the substrate.
PVC-roofing sheets  EVA/VAE-roofing sheets	<b>Clean with WIDOPAN-Cleaner.</b>  The surface must be roughened mechanically	No primer needed	In general, it is possible to apply WIDOCRYL-Primer PM to the surfaces. This does not result in a negative modification of the properties of the substrate.
PIB - roofing sheets	<b>Clean with WIDOPAN-Cleaner.</b> The surface must be roughened mechanically	WIDOCRYL-Primer PM	Only on request and after sample testing!!
EPDM – roofing sheets	<b>Clean with WIDOPAN-Cleaner.</b>	WIDOCRYL-Primer PM	Only on request and after sample testing!!
ECB-, TPO- roofing sheets	! A direct connection is not possible. Please follow our technical information.		
<b>Insulants</b>			
Extruded / expanded polystyrene  PUR/PIR, mineral wool	Lamination required	No primer needed	
<b>Metal Substrates</b>			
Lead, untreated steel, aluminium, stainless steel	<b>Degrease and clean with WIDOPAN-Cleaner MEK</b>  The surface must be roughened mechanically	WIDOCRYL-Primer PM or WIDOCRYL-Special Primer PM	
Galvanised steel profiles; or-plates, plates of titanium zinc  Copper	<b>Degrease and clean with WIDOPAN-Cleaner MEK</b>  The surface must be roughened mechanically. Spread the fresh primer with fire-dried quartz sand, grain size 0,3 – 0,8 mm.	WIDOCRYL-Primer PM or WIDOCRYL-Special Primer PM	

The technical recommendations relating to the use of our products are based on the best of our knowledge and experience. They do not however relieve the purchaser of the responsibility for testing our products to determine their suitability for the intended purpose. This Priming Guideline ceases to be valid when a new edition is issued.

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<b>Others</b>			
Plastics: polyester, CFR and other thermoplastics (except polyolefins), PVC profiles and components	<b>Clean with WIDOPAN-Cleaner.</b> The surface must be roughened mechanically	WIDOCRYL-Primer PM	
Window and door elements made of plastic	<b>Clean with WIDOPAN-Cleaner.</b>	No primer needed	In general, it is possible to apply WIDOCRYL-Primer PM to the surfaces. This does not result in a negative modification of the properties of the substrate.
Cement fibreboards, Polymer modified mineral building materials	<b>Clean with WIDOPAN-Cleaner.</b> The surface must be roughened mechanically Spread the fresh primer with fire-dried quartz sand, grain size 0,3 – 0,8 mm.	WIDOCRYL-Primer PM	
Waterproof concrete, Screed concrete	<b>Clean the surface</b> Remove the cement grout mechanically. Spread the fresh primer with fire-dried quartz sand, grain size 0,3 – 0,8 mm. The substrate must be dry (max. ≤ 6%), the concrete should at least have an age of 28 days.	WIDOCRYL-Primer PM <u>In Case of wet surfaces:</u> WIDOCRYL-Concrete Primer PM	In case of components with earth contact and rising moisture use WIDOPOX-Special Primer.
Concrete and chalk, light weight- and gas concrete, etc.	<b>Clean the surface</b> The surface must be roughened mechanically Spread the fresh primer with fire-dried quartz sand, grain size 0,3 – 0,8 mm. The substrate must be dry (max. ≤ 6%), the concrete should at least have an age of 28 days.	WIDOCRYL-Primer PM <u>In Case of wet surfaces:</u> WIDOCRYL-Concrete Primer PM	In case of components with earth contact and rising moisture use WIDOPOX-Special Primer.
Window glass	The glass must be dry, dust-free, free of release agents and other adhesion-reducing substances.	WIDOPUR-Primer FTE	Other kinds of glasses should be tested before application
Industrial glass areas (wire-glass) und glass bricks	<b>Clean with WIDOPAN-Cleaner.</b> The surface must be roughened mechanically Spread the fresh primer with fire-dried quartz sand, grain size 0,3 – 0,8 mm.	WIDOCRYL-Special Primer PM	
Acrylic glass	<b>Clean with water and household cleaner</b>	No primer needed	

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Brick, granite, ceramic tiles, etc.	<p><b>Clean the surface</b></p> <p>The surface must be roughened mechanically</p> <p>Spread the fresh primer with fire-dried quartz sand, grain size 0,3 – 0,8 mm.</p>	<p>WIDOCRYL-Primer PM</p> <p><u>In Case of wet surfaces:</u> WIDOCRYL-Concrete Primer PM</p>	<p>In case of rising moisture in the joints use WIDOPOX-Special Primer.</p>
Asphalt covers	<p><b>Clean the surface</b></p> <p>For strip sealing, cut underflow barrier. Spread the fresh primer with fire-dried quartz sand, grain size 0,3 – 0,8 mm.</p>	<p>WIDOCRYL-Primer PM</p>	
Wood, OSB-Plates	<p><b>Clean the surface</b></p> <p>Remove paints and surface coatings</p>	<p>No primer needed</p>	<p>In general, it is possible to apply WIDOCRYL-Primer PM to the surfaces. This does not result in a negative modification of the properties of the substrate.</p>

Additional fastening may be required for junctions and edges (see Technical Rules for Roofs with Waterproofing). Otherwise, the manufacturer's regulations and all technical specifications of Widopan Produkte GmbH apply.

The Primer has to be applied over the whole area, pore- and capillary-tight as a closed film. If this is not ensured with one working process, a second film with primer must be applied.

**Further advices:**

If needed, please don't hesitate to send us a piece of the surface as a test example. The example should have a minimum size of 30 x 50 cm. We will then determine the optimum surface pre-treatment.

The substrate must be dry (max. ≤ 6%), dust-free, load-bearing, free of release agents and other adhesion-reducing substances.

Before and during the application of liquid waterproofing you have to check the dew point (+3 °C) (see dew point table).

**You need to protect the sealing from moisture inclusions.**

**Compatibility for slated talcuminated bituminous roofing sheets as well as PVC plastic roofing sheets is given. Proof of this can be requested from our company.**