



 **Ostflex**

Liquid Waterproofing



**TECHNICAL DATA & APPLICATION GUIDE**

CE



# TECHNICAL DATA

PROPERTIES	VALUES	METHOD
Specific Gravity (kg/m <sup>3</sup> )	1.320-1.420	DIN 53 217
Viscosity at 23°C	2.650 cps	ASTM D2196-86
Dry extract	>90	EN 1768
Flash Point (°C)	42°C	ASTM D93
Ashes at 450°C % weight	42-47%	EN 1879
Temperature	2°C and rising and not exceeding 30°C	
Hardness Shore A at 23°	C>75	
Tensile strength	<i>Reinforced with Ostflex matting &gt; 10 MPa *</i>	
Dry time	2-8 hours. Fully trafficable 24 hours	
Overcoat time	±5 - ±48 hours	
Tensile strength	7 MPa	
Elongation	<i>Reinforced with Ostflex matting &lt; 100%*</i>	
Water Vapour resistance	μ=2.500	
Concrete adherence	>2 MPa	

*\*UN-REINFORCED. Tensile Strength >3MPa. Elongation >400%*

## OSTFLEX TOPCOAT

Ostflex topcoat is a glossy protection layer for Ostflex on flat roofs, balconies, walkways and maintenance strips.

<b>Yield</b>	<b>±150 g/m<sup>2</sup>/coat</b>
<b>Tack free time at 23°C</b>	<b>±25 minutes</b>
<b>Recoat time at 23°C</b>	<b>1-48 hours</b>
<b>Application method</b>	<b>By brush or roller</b>
<b>Coverage per drum</b>	<b>30 sqm</b>

# APPLICATION GUIDE

## Benefits & Product Information

- BBA certified for life in excess of 25 years.
- NHBC and Green Roof Approval.
- Ostflex can be used on new or existing roofs, walkways, balconies, gutters etc.
- Ready to use straight out of the tin, application with solvent resistant roller.
- Use fully reinforced with Ostflex matting ensures easy 'wet on wet' application.
- Can be used all year round-moisture curing.
- Fully trafficable when cured.
- Instantly rain resistant once the matting is encapsulated.
- Once installed, forms a seamless membrane.
- Excellent adhesion to different substrates: plywood, bitumen, membranes, asphalt, metals, brick, concrete, wood etc.
- Fresh concrete must be cured for 28 days.
- On EPDM and TPO it is recommended to install patch test to check compatibility.
- Always use Ostflex sealant or other compatible PU based mastics.

## Storage

- Store unopened in original container in a cool dry within 5°C-25°C, out of direct sunlight.
- Protect from frost. Keep away from sources of ignition.
- For transportation purposes ensure that the product is upright and the lid fully closed..
- **SHELF LIFE:** Expires after 12 months at temperatures between 5°C and 35°C

## Application Instructions

### STIR BEFORE USE

1. Apply when ambient of 2 degrees and rising and not exceeding 30°C.
2. Ensure substrate is in good condition, dry, clean and free from dust, moss or lichen.
3. All edge trims to be fixed to substrate prior to application of Ostflex.
4. Ostflex is self-terminating, if brickwork is in good condition, strike a line using tape on the brickwork to coat up to (important: when the Ostflex has been installed ensure the tape is pulled before the Ostflex is dry). If the brickwork is in poor condition a termination bar or flashing is required.
5. Open tin and mix thoroughly before using.
6. Apply Ostflex straight out of the can onto the substrate using a solvent resistant roller. Dry roll Ostflex matting into the product until the Ostflex is drawn through, then immediately apply another coat of Ostflex ensuring the matting is fully embedded avoiding any pinholes.
7. It is advised to start at the perimeter of the area including upstands to a minimum of 150mm (if possible), ensuring the matting overlaps any trims (including fixings)/joints/ change of material by 50mm.
8. Infill the remaining field area using the same method as above using Ostflex matting, at a minimum coverage of 1.5kg per m<sup>2</sup>. The whole area including trims must be coated to form a seamless membrane. Please take time to make sure no pin holes exist. Drying time will be approx. 2-8 hours depending on weather, fully cured in 24 hours.
9. Apply Ostflex Topcoat for a glossy finish and guarantee once the Ostflex is fully cured and no later than 48 hours after Ostflex application.



Tel: +353 (0) 1835 3558  
Tel: +44 (0) 1744 747580  
[www.ostmanthermal.com](http://www.ostmanthermal.com)

