

# Sealoflex Endura Detail Coating

## Summer and Winter Grades

Sealoflex Endura Detail Coating is a 2-component, pigmented waterproofing resin with a polymethyl methacrylate (PMMA) base.

### INTENDED USE

Sealoflex Endura Detail Coating used with Sealoflex Endura Reinforcing Fabric is a high quality and durable waterproofing system used for details on flat roofs, balconies and terraces.

### INSTALLATION SUMMARY

Before applying Endura Detail Coating ensure that the surface is clean, dry and sound and that the correct Endura Primer is selected for the substrate.

Endura Detail Coating is a two component liquid that requires mixing with a catalyst before application.

Endura Detail Coating is applied in a continuous sequence of base coat, fabric reinforcement and top coat; this process is referred to as 'wet on wet'.

Do not apply if rain is imminent.

For detailed application instructions, mixing ratios and surface preparation, refer to the Sealoflex Endura Installation Guide, or contact BMI Icopal Technical Services for further advice.

### CLEANING

Clean tools immediately after use with Sealoflex Endura Cleaner. Wash hands thoroughly after use.

### STORAGE

Can be stored unopened and unmixed for approximately 6 months in a cool, dry place above freezing. Keep container away from direct sunlight when in storage and on the construction site.

### PRODUCT DATA

<b>Container sizes</b>	10 kg
<b>Form</b>	Liquid
<b>Colour</b>	Blue / Grey (RAL 7031)
<b>Shelf life</b>	6 months
<b>Consumption</b>	min. 3 kg/m <sup>2</sup>
<b>Coverage per container</b>	3.3 kg/m <sup>2</sup>
<b>Application surface temperature limits</b>	0°C - 40°C (and 3°C above dew point)

### CURING BEHAVIOUR

<b>Pot life / workability</b>	* approx. 15 minutes
<b>Rainproof</b>	* approx. 30 minutes
<b>Walkable / re-coat</b>	* approx. 45 minutes
<b>Fully cured</b>	* approx. 2 hours

\*values attained at 20 °C

Characteristic	Performance	Assessment Method
External fire performance of roofs	Broof (t4)	EN 13501-5
Reaction to fire	Class E	EN 13501-1
Content, emission and/ or release of dangerous substances	None	N/A
Resistance to water vapour	$\mu \approx 10000$	EN 1931 - Annex 2
Watertightness	No Leakage	Annex A4.11
Resistance to wind loads	$\geq 50$ kPa on concrete substrate	Annex A4.1; Annex A4.2
Resistance to mechanical damage (perforation)	P1-P4	Annex A4.8
Resistance to fatigue movement	W3 - (durability in excess of 25 years*)	Annex A4.5
Resistance to the effects of low and high surface temperatures	TL4 (-30°C); TH4 (+90°C)	Annex A4.3; Annex A4.10; Annex A4.1; Annex A4.4; Annex A4.6
Resistance to ageing media (heat and water)	W3 - (durability in excess of 25 years*)	Annex A4.8; Annex A4.9
Resistance to UV radiation in the presence of moisture	Moderate & Severe - Annual radiant exposure on horizontal surface; average temperature of the warmest month per year: $< 5$ GJ/m <sup>2</sup> and $< 22^\circ\text{C}$ ; $\geq 5$ GJ/m <sup>2</sup> ; and/or $\geq 22^\circ\text{C}$	Annex A4.7
Resistance to plant roots	No Performance Assessed	N/A

\*This does not imply any Guarantee for this period of time

## CERTIFICATION

Sealoflex Endura Detail Coating has been independently site and laboratory tested by the British Board of Agrément, and awarded BBA certificate number 20/5753.



## SAFETY, QUALITY & ENVIRONMENT

BMI Sealoflex products are manufactured under a Quality Management System approved to ISO 9001: 2015 and an Environmental Management System approved to ISO 14001: 2015, by TÜV NORD CERT GmbH.

Information regarding transportation, handling, storage and disposal can be found on the Safety Data Sheets.



ISO 9001:2015  
44 100 21410102



ISO 14001:2015  
44 100 21410102

## TECHNICAL SERVICES

For further information and technical support, please contact our technical services team:

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## CHEMICAL RESISTANCE

Acetic acid up to 10%	●	Liquid ammonia	●
Ammonia up to 10%	●	Lubricant	●
Ammonium chloride	●	Mineral oil	●
Ammonium sulphate	●	Nitric acid up to 10%	●
Animal fats	●	Olive oil	●
Apple juice	●	Orange juice	●
Calcium chloride	●	Oxalic acid 10%	●
Castor oil	●	Paraffin oil	●
Caustic potash solution up to 50%	●	Petroleum	●
Cellulose thinner	●	Phosphoric acid up to 30%	●
Chlorinated lime	●	Potassium chloride	●
Citric acid up to 30%	●	Regular petrol	○
Crude oil	●	Sea water	●
Detergent	●	Sodium carbonate	●
Dettol up to 5%	○	Sodium chloride	●
Diesel oil	●	Sodium hydroxide solution up to 50%	●
Formic acid 10%	○	Sodium sulphate	●
Hydraulic oils	●	Sulphuric acid up to 30%	●
Hydrochloric acid up to 30%	●	Turpentine substitute	○
Hydrogen peroxide up to 10%	●	Vegetable fats	●
Kerosene	○	Vegetable juice	●
Lactic acid up to 30%	●	Washing-up liquid	●
Lemon juice	●	Wine	○
Linseed oil	●		

● Resistant

○ Conditionally resistant (approx. 1 to 2 hours)

### BMI Group UK Limited

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Product, technical standards and codes of practice are under constant review. We reserve the right to change and amend products and information without prior notice. For the latest information, suitability and specification advice, please contact BMI Icopal technical services team.