

SURFASMESH 165 PRO

Product Information Page

SURFASMESH 165 PRO is an alkali-resistant glass fibre mesh especially designed for the reinforcement of waterproof coatings and cement-based mortar layers

Specification Tip for Design Professionals:

SURFASMESH 165 PRO may be specified by name or by using the following description: *a propriety alkali-resistant glass fibre mesh especially designed for the reinforcement of waterproof coatings and cement-based mortar layers.*



What are the areas of application of SURFASMESH 165 PRO:

- Overlapping, reinforcement and bridging of cracks, corners, corner fillets, construction joints, penetration pipes and other critical points between different types of substrates.
- Improves the mechanical characteristic of waterproof coatings exposed to thermal movements by weather conditions.
- Enhances the crack-bringing capability of waterproofing membranes.

How do I apply SURFASMESH 165 PRO:

Apply a first layer of the waterproof coating or mortar and while it is still fresh place the SURFASMESH 165 PRO glass fibre mesh strip onto the coating/mortar. Press the mesh into the wet material, this will remove the trapped air between the mesh and allow the coating /mortar material to impregnate the mesh. The end overlapping of strips of mesh should be a minimum of 50mm.

When detailing cracks ensure the mesh is extended at least 100mm either side of the crack.

Packaging:

50m² Rolls –33 Rolls per pallet.

How do I store SURFASMESH 165 PRO:

Stored in its original unopened packaging, in a dry and covered place, protected from sources of heat. It must be stored on vertical position.

- ✓ Provides a continuous reinforcement that absorbs stress from the substrate and helps to avoid the formation of cracks by movements.
- ✓ Greatly improves the mechanical resistance of the coating, such as tensile strength and impact.
- ✓ Provides a better application of coating over smooth surfaces and non-porous substrates.
- ✓ Long durability and excellent chemical stability against to alkalis and UV-rays.
- ✓ Flexible, easy placement on irregular surfaces.
- ✓ Non-irritating on skin contact.
- ✓ CE Marked

SURFASOLOGY

E: info@surfalogy.com

T: 01 832 1005

W: surfalogy.ie



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TECHNICAL DATA:

Mesh Size	4.0 (±0.5) x 4.0 (±0.5)
Mass per unit area	165g/m ² (± 5%)
Organic Content	20% (±4%)
Tensile strength and elongation (MD/CDM)	Pass
Reaction to fire	F
Colour	White

Protect the environment: Dispose of waste in accordance with the local authority regulations.

Disclaimer: The general information provided in the present technical description, application guidelines and other recommendations, is based on research and experience. However, the client is obliged to determine themselves what products are suitable for use. Accordingly, no liability will be accepted by IBC Limited t/a SURFASOLOGY™.

For further information contact the SURFASOLOGY™ Technical Department.

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Smart Surface Solutions

Waterproofing and Damp Proofing Specialists

WHO WE ARE

SURFASOLOGY, formerly IBC Ltd., is Ireland's leading waterproofing and damp proofing specialist that has been proudly providing market leading, innovative, and sustainable construction solutions since 1976.

Our high-quality products and systems are accompanied by our professional technical support and a full installation service. **SURFASOLOGY** technical consultancy team have unrivalled experience in major construction projects, as well as solving everyday problems for homeowners, with long term trustworthy solutions.

Our products are all manufactured in ISO Quality System compliant facilities and meet the relevant local, National, & European standards. **SURFASOLOGY** network members manufacture products exclusively in Germany, Switzerland, Spain, Greece and the UK. We support these products in local markets with highly-qualified technical professionals, who understand both on-site demands and the design detail. We work in a collaborative way with our clients at all stages of the project to ensure that the correct design, preparation, and application are carried out to ensure a timely and successful outcome for all stakeholders.

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**INNOVATIVE, WORLD-CLASS,
SUSTAINABLE CONSTRUCTION
SOLUTIONS, POWERED BY OUR
EXTENSIVE EXPERIENCE AND
EXPERTISE.**

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Structural Waterproofing

Our world class solutions encompass the whole building envelope both above and below ground.

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A comprehensive range of first class damp proofing and timber treatment solutions.

Specialist Screeds & Coatings

High quality floor finish on domestic, commercial, under-floor heating or industrial projects.

Concrete Repair

We offer a highly efficient selection of products for the repair and protection of concrete elements.

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Reliable and sustainable surface solutions accompanied by unrivalled technical support.

Installation Service

Specialised installation service provided by our approved contractors delivering high quality workmanship you can trust.

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Extensive experience and expertise in Project Design and Technical Support Services ensuring reliable outcomes for all our clients.

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RIAI and RIBA approved CPD Seminars to specifiers on a variety of topics covering structural waterproofing and damp proofing.

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Unit 143, Grange Drive,
Baldoye Industrial Estate,
Dublin 13, D13 W9V2,
Ireland

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T: 01 832 1005

W: surfalogy.ie

