

# RIW SCREEDSAFE

Screedsafe is a self adhesive membrane, consisting of a 1mm rubber modified bitumen waterproof layer incorporating a woven fabric on one face.

## BENEFITS

- ┆ Ideal for apartment buildings and hotels, as well as domestic use
- ┆ Quick and easy to apply
- ┆ Will accommodate movement in substrate
- ┆ Factory controlled thickness

## APPLICATIONS

- ┆ Bathrooms, showers, kitchens and similar wet room areas

## APPLIED TO

- ┆ Concrete or screed

# RIW SCREEDSAFE

## TYPICAL USES

Screedsafe has been specifically developed to provide waterproofing beneath ceramic, granite, marble, slate and porcelain tiles when applied onto concrete or screeded floors in wet areas.

## DURABILITY

Subject to normal conditions of use, Screedsafe will provide an effective barrier to the transmission of liquid water and water vapour for the life of the tiles applied onto it.

## SPECIFICATION

M40 - Stone/Concrete/Quarry/Ceramic Tiling/Mosaic, in accordance with NBS Clause 470.

Please consult RIW for further information.

## ANCILLARY PRODUCTS

RIW produce a range of ancillary products for use with Screedsafe which include:

**Screedsafe Primer** - a bitumen solution for coating all surfaces prior to the application of Screedsafe Reinforcement Tape and Screedsafe Membrane.

**Screedsafe Reinforcing Tape** - a tape for reinforcing all wall junctions, butt joints and other detail work in the membrane.

**Screedsafe Jointing Compound** - a high quality, gun applied, butyl rubber based sealant for use at all butt joints in the membrane, pipe entries, wall to wall and wall to floor interfaces.

**Screedsafe Putty** - a non-setting, self supporting mastic for filling small gaps or voids around pipe entries, etc. prior to application of the membrane.

**Corner Units** - preformed polyurethane corners for use in internal and external wall to floor junctions / corners.

## CONSTRUCTION

### GENERAL

All construction should conform with the Building Regulations, Codes of Practice and British Standards in current use at the time the building is being constructed.

Screedsafe should only be applied to concrete and screeded floors and under no circumstances should the membrane be applied to timber floors. Timber floors should be waterproofed with Tilesafe only.

## PERFORMANCE & COMPOSITION

Thickness	1mm
Water vapour transmission	0.7g/m <sup>2</sup> /24 hours
Tensile strength (ASTM D1000)	8.7 N/mm
Pull off adhesion (ASTM C907)	84 N
Shear adhesion	59 N
Ave. 180°C Peel adhesion (Steel) (ASTM D1000)	1.81 N/mm
Ave. 180°C Peel adhesion (Cement) (ASTM D1000)	0.12 N/mm

The above performance figures are typical values and should not be considered a product specification.

### PREPARATION

**All surfaces:** Should be clean, dry, free from dust, grease, oil, etc. Surfaces must be smooth, sound and flat, therefore all indentations should be filled with a suitable filler, and any protrusions struck off.

**Oily or greasy surfaces:** Should be cleaned with a suitable proprietary cleaner, which is thoroughly rinsed off, and the surface allowed to dry.

**Existing coatings:** Should be removed unless they are compatible with the primer and membrane.

### APPLICATION

Prime all surfaces with Screedsafe Primer and allow to dry. Where necessary, locate the Corner Units in to the corner whilst the Screedsafe Primer remains wet or tacky.

Apply Screedsafe Reinforcing Tape at all wall to floor junctions. Reinforcing Tape is also to be applied under all butt joints in the main membrane. Use Screedsafe Putty to seal any small voids around pipe entries, etc.

Apply Screedsafe membrane to floors removing release paper as work progresses. Joints in the membrane are butted together over the previously applied Reinforcing Tape. A gap of 1-3mm is left between the joints for later application of Tilesafe Jointing Compound.

With a normal sealant gun, apply Screedsafe Jointing Compound into all butt joints. **Silicone sealants must not be allowed to come into direct contact with Tilesafe Membrane or Reinforcing Tape.**

Only good quality 'Rapid Setting' tile adhesive should be used in conjunction with Screedsafe.

## SAFETY

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Full health and safety instructions are contained on the product material safety data sheets and these must be referred to before use.

## SUPPLY

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### AVAILABILITY

All RIW products can be obtained through Builders Merchants or approved stockists. A list of approved stockists is available from RIW's offices.

### PACKAGING

Screedsafe Membrane:	1000mm x 5 & 10m long rolls
Screedsafe Reinforcing Tape:	150mm x 7.5 long rolls
Screedsafe Primer:	500ml & 1 litre tins
Screedsafe Jointing Compound:	310ml tubes
Screedsafe Putty:	0.5 sticks
Screedsafe Corner Units:	75mm x 75mm

### STORAGE

Screedsafe Membrane, and its ancillary products, should be stored in original cartons. The products should be kept upright, protected from frost, and out of direct sunlight. ie; below 35°C. Cartons should not be over-stacked.

The shelf life of Screedsafe Jointing Compound is 12 months.

Care should be taken to ensure the temperature is at least 10°C. Conditioning of the membrane in a warm area, prior to use, will enhance its adhesion properties during application.

## TECHNICAL SERVICES

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The Technical Department is available to advise on individual projects and to prepare or assist in the preparation of specifications and drawings. A list of experienced applicators of materials is available from RIW's offices.

The information in this literature was correct at the time of going to press. However, we are committed to continually improving our products and reserve the right to change product specifications.

For the latest information, please consult RIW. Conditions of use are beyond our control, therefore we cannot warrant the results to be obtained.

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## RIW

Arc House, Terrace Road South, Binfield,  
Bracknell, Berkshire, RG42 4PZ

Technical enquires tel: **01344 397777**

Commercial enquires tel: **01344 397788**

**[www.riw.co.uk](http://www.riw.co.uk)**

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**waterproof** **RIW**