

ReadySeal30

Waterproofing membrane

Product Data Sheet



ReadySeal 30

General Information

ReadySeal 30 is a one part, quick drying, plasticiser, cyanate-free and solvent free alpha-hybrid polymer waterproofing with 100% solids. Installed without the need for a primer, ReadySeal 30 can be applied in temperatures between 0°C and +35°C using a brush, roller or airless spray equipment. ReadySeal 30 can be installed over a damp surface, but the surface should not be wet or have ponding water/puddles. ReadySeal 30 can also be installed on concrete that is not fully cured (minimum 4 days from casting).

Product uses:

- As the primary waterproofing in inverted, warm or cold applications on roofs, balconies, terraces and podiums.
- On concrete decks, aggregate screeds or lightweight decks.
- As an overlay waterproofing to existing asphalt and bitumen felt roofs at least 7 years old.
- As the primary waterproofing or to upgrade roof gutters, metal or fibre cement sheeting and cement particle panels.

Product features:

- No need to prime
- Fast and full cure
- Easy application because of low viscosity
- Breathable
- High chemical resistant
- 0° C to 35 °C applied
- Applied to damp surfaces
- Can applied on fresh concrete (minimum 4 days cured).

Substrates:

- Concrete
- Cured or uncured fresh concrete
- Glass or glassy surfaces
- Bright and matt ceramic surfaces
- Aluminium
- Galvanised iron sheets
- Copper
- Zinc
- Wood
- Slate or stone coated bituminous membranes
- Old bituminous or asphalt based coatings or membranes
- Ceramic or natural stones such as marble/granite/travertine applied surfaces.

For a comprehensive NBS J31 specification contact Radmat Building Products.

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Directions of Application

Application surface should be free of dust, loose parts (such as anti-stick material) and oil. The correct surface preparation can be achieved by using the right materials. Application surface may be damp or wet ground but not pools of water.

Preparation:

- The surfaces should be dust and waste free. An electric vacuum cleaner is advisable. Wash the surface with clean water if necessary.
- Cracks on the surface should be repaired with suitable materials.
- If application will be covered with ceramic surface the strength of the joints should be inspected and replaced if necessary or missing parts must be completed.
- Do not add any material or thin before using ReadySeal 30.
- Expansion joints, dilatation and water expenses must be checked and combinations thereof
- Wall floor joints such as the formation of cold joints should be treated with suitable materials

Application:

After the surface is prepared ReadySeal 30 can be applied by brush, roller or airless spray. Do not thin ReadySeal 30. Whenever possible install the upstands first, bringing the ReadySeal and Radmat G120 Reinforcement Fleece a minimum of 75mm onto the horizontal surface. If laying over thermal insulation ensure all board joints are taped and use Radmat Fleece 2 on the flat area only.

1. Open the tin and stir gently to mix the contents thoroughly, do not whisk.
2. Apply the first coat of ReadySeal 30 covering all exposed surfaces at approx. 1 litre/m².
3. Embed the appropriate Radmat Reinforcement Fleece immediately after the first coat of ReadySeal 30 is applied, ensuring a smooth application by carefully using a soft brush. Each roll of Radmat Reinforcement Fleece must overlap the previous roll by at least 75mm. Installation to be according to guidelines and specifications supplied by Radmat Building Products Ltd.
4. Apply a second coat of ReadySeal 30 promptly, making sure that the Radmat Reinforcement Fleece is fully coated and you leave a flat and level surface. Apply the second coat at a rate of approx. 0.9 litres/m² to achieve a finished thickness of circa 2.3mm.
5. Application at these rates should achieve approximately 7.5m² coverage per tin with a finished system thickness of 2.3mm.
6. Allow to cure before trafficking the area.

Warning

- Adhesion test is recommended prior to application for ceramics, natural stones and glossy surfaces
- Application surface imperfections and shiny / non-absorbent portions with appropriate tools (floor mills) should be roughened
- Opened packages should be completely finished.
- After curing, ReadySeal 30 is non-hazardous.

Safety notice

- On application, use protective gloves and in a well-ventilated place.
- If ReadySeal 30 comes in contact with the skin or eyes bathe immediately with plenty of water and soap.
- For more information please contact our technical department.

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Product specification	
Essential characteristics	Performance/Unit
Appearance	Fluid
Colour	RAL 7046 Telegrey 2
Thickness	approx 2.3mm
Density (ISO 1183-B)	1.50 gr/cm ³
Viscosity (25 °C)	85.00-95.00
Elasticity (BS2782 Part 3)	300%
Hardness (ShoreA) (DIN 53505-A-87)	300%
Heat exchange flexibility	-40°C - +80°C
Water vapour permeability (for 1.5mm thickness) Sd:	1m
Crack bridging	2mm
Film forming time (25°C, 50% R.H.)	30 mins
Cure (25°C, 50%R.H.)	5 hours
Completion of Cure (25 °C, 50% R.H.)	7 days
Water absorption (cured material (28 days) under water)	< 2%

Delivery conditions

Delivery

20 kg tin, 30 per pallet.

Storage and shelf life

Store in dry conditions in original packaging at temperatures between +5°C and +30°C. Protect from direct sunlight and frost. In the original closed package ReadySeal 30 will be in good condition for at least 1 year.

This information given in good faith and is based on the latest knowledge available to Radmat Building products Ltd. Whilst every effort has been made to ensure that the contents of the publication are current while going to press, customers are advised that products, techniques and codes of practice are under constant review and liable to change without notice.

For further information on Radmat products and services please call **01858 410372**, email tech enquiries@radmat.com or visit our website www.radmat.com