

# PRODUCT DATASHEET



## PHYSICAL CHARACTERISTICS

| RC20a   |  |
|---|--|
| Appearance  | Blue/ Green Liquid                                       |
| Viscosity   | Approx 4000cps(20 °C)                                    |
| Solid content                                     | 100% approx  |
| Specific gravity                                  | 1.125  |
| Cleaner   | 860 solvent (before curing)                              |
| Coverage rate (Bead application)                  | Approx coverage rate 7-10sq.m per kg                     |
| Coverage rate (Brush/ Roller application)         | Approx 2-3 sq.m per kg by roller or squeegee application |
| Shelf life (under recommended storage conditions) | 9 months   |
| Any other essential data                          | Observe storage conditions carefully                     |

## RC20a ADHESIVE

**RC20a adhesive** is a one component polyurethane adhesive which has been specifically formulated for bonding Ruviplan V fleece backed single ply roofing membranes to various substrates on up to 10 degree roof pitch i.e. Tissue faced polyurethane roof insulation boards, plywood/OSB roof decking, aerated concrete and existing asphalt (preparation may be required on existing asphalt). The cured adhesive film has very good resistance to heat and hydrolysis.



### Recommended usage : Full bond attachment

**RC20a adhesive** should be applied in an even coat to the substrate by roller, brush or squeegee.

It is recommended that bonding should only take place if the temperature exceeds + 5 °C

The roofing membrane should be laid into the wet adhesive within 5 to 10 minutes, depending on the ambient conditions, and pressed into the adhesive within the next 10 to 20 minutes. A weighted roller or firm but soft bristled brush can be used on the top surface of the membrane to push the membrane into the adhesive. Initial setting at 20 degrees centigrade and 40 to 70% relative humidity is about 30 minutes; final setting takes around 5 hours. Misting with a water vapour spray can accelerate setting, especially on non-porous substrates.



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## APPLICATION

The adhesive and roof temperature during application **must not be below 5°C or in excess of 30°C** as the working time and performance of the adhesive will be **dramatically reduced**.

## RC20A ADHESIVE

### Bead bond attachment.

Refer to Ruvitex technical services for confirmation of the suitability and for guidance on this method of attachment.

### Important:

Do not apply more adhesive than can be covered in 15 minutes. Press the membrane into the adhesive when it is still fluid and use a weighted roller or soft bristled brush to ensure and even contact and to press out trapped air or excessive adhesive etc.

Substrates must be firm, clean, wind-dry and free of foreign substances and oils.

### Recommended usage cont.

When the membrane is in place apply even pressure across the bonded area to ensure full contact of membrane to the adhesive film. Full curing of the adhesive will be achieved af-

### Environmental and waste issues

Dry residues may be disposed of as dry waste.

Liquid residues should be disposed of as hazardous waste

### Storage

To ensure safe storage of RC20a Adhesive containers should be well sealed to prevent formation of skin on the surface. The product must be stored at a temperature above freezing. A temperature of 10 – 25°C for not more than 9 months is recommended. Higher temperatures will affect quality and cause the formation of crusts and skins, especially if the containers are not tightly closed or subjected to direct sunlight for long periods.

If these conditions cannot be met, please refer to our technical services department who will advise on storage stability.



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