Acrovyn® Adhesive *ECO1*



A high-performance, water-based adhesive formulated to deliver a secure, long-lasting bond for all Acrovyn Sheet products.

Combining strong initial grab, extended working time and very low VOC emissions, it enables faster, more efficient installation while promoting healthier interior spaces.

Roll-on

Trowel-on

Technical Characteristics

Acrovyn Adhesive *ECO1* is a synthetic polymer based adhesive in water dispersion, formulated in a ready to use light beige paste. It can be used as a wet lay adhesive as well as a pressure sensitive adhesive.

Product Details

- Available in 4 kg and 14 kg tubs
- Consumption: 200 g/m²
- Waiting time: 5 - 30 minutes
- Open time: 60 - 70 minutes (maximum 120 minutes, depending on the substrate)
- Ready for service: 24 - 48 hours
- Storage: 12 months in original sealed packaging. Protect from frost.

Applications

- Suitable for adhering Acrovyn Sheet products to all common interior wall substrates
- Application temperature range from +15°C to +35°C

Advantages

- High-strength adhesive formulated to deliver durable, reliable bonding
- Suitable for both roller and trowel application methods
- Fast, high initial tack combined with a permanent, flexible bond
- Easy to apply for efficient installation
- Expanded open and working times for greater installation flexibility
- Recommended for the installation of all Acrovyn Sheet products
- Extends Acrovyn Sheet Warranty to 5 years when purchased together. (1)
- Very low VOC emissions, meeting stringent indoor air-quality requirements and supporting compliance with green building certification schemes

Certifications/Testing

- Tested to ISO 22631 for peel strength
- GEV-Emicode EC1 Plus (very low emission)
- RTS Emission Class M1
- ISO 16000 - VOC emission class A+
- Blauer Engel - DE-UZ113
- ISO 16000-28 - low odour

(1) *For Terms and Conditions visit:* c-sgroup.co.uk/16727

www.c-sgroup.co.uk/39382

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Technical Data (Typical Values)

Product Identity	
Consistency	Creamy paste
Colour	Pale beige
Density (g/cm³)	1.20
pH	7.70
EMICODE	EC1 Plus - very low emissions
Blauer Engel	DE-UZ113
Application Data (at 23°C - 50% R.H.)	
Temperature range	from +15°C to 35°C
Waiting time	• 5-20 minutes on absorbent substrates • 5-30 minutes on non-absorbent substrates
Open time	60-70 minutes
Setting time	24-48 hours

Product & Environmental Safety

- Keep out of reach of children
- Non-flammable
- Ensure good ventilation during use and drying
- Do not eat, drink or smoke when using this product
- In case of contact with skin or eyes, rinse immediately with plenty of water
- Do not allow product to reach sewage system, water course or soil
- Clean tools with soap and water immediately after use
- Give only empty containers to recycling
- Dried product residues may be disposed of as domestic waste if allowed by local regulations
- Product contains:
  - BIT and CIT/MIT (3:1)
  - Water, mineral filler, binders, plasticiser, preservatives (Vdl-RL 01/June 2018)
- For health and safety information, refer to the Safety Data Sheet (SDS). In case of allergic reaction, call: 111.

Application Tools

- Textured fibreglass resin roller and/or A1 V-notched trowel



Textured Roller
[AE-000097]



Roller Cage
[AE-000098]



A1 Trowel
[AE-000100]

For further information refer to the Acrovyn Sheet Installation Instructions.

Application Guidance

To be used in conjunction with the Acrovyn Sheet Installation Instructions.

- Substrate must be dry, sound, mechanically strong, free of dust, loose particles, cracks, wax, oil, rust or other products that could interfere with bonding
- Application temperature range from +15°C to +35°C
- Use recommended textured fibreglass resin roller or A1 Trowel
- Consumption for this adhesive is 200 g/m²
- After adhesive application, wait 5-30 minutes depending on substrate before applying the sheet
- Apply pressure with a roller from the centre of the sheet out to the edges to ensure an even and air bubble free installation
- Adhesive overspills can be cleaned off with soapy water if adhesive is still wet, or with isopropyl alcohol if the adhesive has dried

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