

COLTACK EVOLUTION 750

Polyurethane-based adhesive foam

January 2024

PURPOSE AND AREAS OF USE:

COLTACK EVOLUTION 750 is used on flat roofs to bond ridged insulation panels with an appropriate finishing (no thermofusible film) to the substrate. It is also suitable for the mutual bonding of panels. A fast expansion and adhesion of the panels will arise under the influence of air humidity. The expansion properties will also ensure a good bonding on uneven substrates.

PRODUCT:

COLTACK EVOLUTION 750 is a single component, solvent free, moisture curing polyurethane-based adhesive foam to be used with an application gun.

STANDARD PACK:

Canister of 10, 4 kg.
Aerosol can of 750 ml.

CHARACTERISTICS (20 °C/60 % RH):

Composition	Polyurethane Resins
Open time	±8 min
Curing time	±40 min
Resistant to loads	±60 min
Consumption	± 100 m ² /canister (synthetic foam) ± 50 m ² /canister (mineral wool) ± 7 m ² /aerosol can (synthetic foam) ± 3.5 m ² /aerosol can (mineral wool)
Application temperature	+5/+35 °C
Application temperature product	+10/+35 °C
Thermal conductivity (W/(m.K))	0.036

SCOPE OF USE:

COLTACK EVOLUTION 750 is used on flat roofs as an adhesive to bond ridged insulation panels to the substrate. It is also suitable for the bonding insulation panels together.

The foam can be used in any of our Warm Roof systems but is particularly suited where a self-adhered membrane is also used.

CONDITIONS OF USE:

COLTACK EVOLUTION 750 must be used in accordance with the correct specifications and products mentioned in this TDS, or in other Equus approved technical documentation. COLTACK EVOLUTION 750 must be used as a part of an approved Equus system unless otherwise specified by Equus Industries Ltd.

Can not be used with insulation finished with thermofusible film.

INSTALLATION:

The substrate must be clean, solid and free from dust and grease. Vigorously shake the aerosol/can/canister for ± 30 seconds before use. Close the adjusting screw of the application gun (in case of the canister, close the valve of the hose and canister and connect hose. After connecting the hose fully open the valve of the canister and hose). Adjust the control screw of the gun. Apply at a distance of about ± 10 mm from the surface uniform beads of ± 30 mm diameter.

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INSTALLATION Continued:

Apply in case of synthetic insulation panels, in accordance with the wind load calculations, at least 4 parallel beads/m² (8 beads for mineral wool) in the length of the panels. Place the insulation panels immediately after applying the adhesive beads. Do not shift the panels because it will rupture the adhesive layer/bond. Always consult the placement guidelines.

CLEANING:

Uncured product can be removed with COLTACK CLEANER.
Cured material can only be mechanically removed.

CERTIFICATIONS:

ATG 3243 (B)

HEALTH AND SAFETY:

For more information, please refer to the relevant Safety Data Sheet (SDS).

SOPREMA has always attached the highest importance to the quality of the products, the environment and safety. For this reason, they operate independently monitored Quality and Environment Assurance Systems in line with EN ISO 9001 and EN ISO 14001.

WARNINGS AND BANS:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No
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MANUFACTURERS CONTACT DETAILS:

Manufacture location	Belgium
Legal and trading name of manufacturer	Soprema New Zealand Limited
Manufacturer address for service	Level 3, Candida Building 4, 61 Constellation Drive, Mairangi Bay, Auckland 0630, New Zealand
Manufacturer website	www.soprema.com.au
Manufacturer email	info@soprema.com.au
Manufacturer phone number	+61 3 9221 6230
Manufacturer NZBN	9429050312962