

COLTACK EVOLUTION

COLTACK EVOLUTION is a single component, solvent-free, high modulus, polyurethane-based, liquid expansive glue.

COLTACK EVOLUTION is cold-applied by strips on the surface of the compatible insulation panels to be bonded. The glue is crosslinkable in contact with air humidity.

User application

COLTACK EVOLUTION is mainly used to bond expanded polystyrene or polyisocyanurate insulation board on vapour barrier.

In contact with air humidity, setting and expansion will occur quickly, so the insulation panels will be fully bonded after a few hours.

All the applications are described in Technical Approval or **SOPREMA's** Technical Guidelines in force.

Composition

	COLTACK EVOLUTION
Density at 20°C	1120 kg/m ³
Dry content	> 99 %
Viscosity at 20°C*	about 6000 mPas
Dry to touch at 23°C, 50% HR)	about 15 min
Walkable at 23°C, 50% HR)	about 2 hours
Maximum strength	< 5 days
*Brookfield modulus, speed 10	

Packaging

	COLTACK EVOLUTION
Packaging	Cans of 12 kg
Consumption	Approximate consumption: 200 to 300 g/m ²
Storage	The product can be stored until 6 months in unopened original packaging, away from heat at a temperature between 5 and 25°C. Opened packaging can not be stored again.

Installation

COLTACK EVOLUTION is applied directly on the vapour barrier (strips of 2 cm every 30-35 cm) and in accordance with wind load calculations.

After placing the insulation panels, they must be pressed firmly into the adhesive beads in order to obtain a good adhesion between the **COLTACK EVOLUTION** and the insulation panels. Movements of the insulation panels must be avoided.

Cleaning tools:

Solvents type MEK / Thinner V

	5°C / 80% HR	23°C / 50% HR	30°C / 40% HR	40°C / 70% HR
Open time*	45 min.	15 min.	12 min.	6 min.
Setting time	7 h	2 h	1 h 30	1 h 15

*=maximum time for contacting materials

Special indications

Hygiene, health and environment:

COLTACK EVOLUTION is a dangerous product classified x-harmful by inhalation and ingestion. Contains isocyanates.

For further information, please refer to relevant Safety Data Sheet.

Quality control:

SOPREMA has always attached the highest importance to the quality of its products, to the respect of environment and men.

For this reason, we apply an integrated management of the Quality and Environment certified **ISO 9001** and **ISO 14001**.