

Application Guide

en **ORCON** CLASSIC

Solvent-free all-round bonding adhesive

- ✓ Very high adhesion with particularly fast drying. No pressure lath required on subsurfaces with sufficient load-bearing capacity
- ✓ Airtight bonding in accordance with DIN 4108-7, SIA 180 and OENORM B 8110-2
- ✓ Extremely resilient, permanent elasticity
- ✓ Penetrates deep into the subsurface
- ✓ Solvent-free

Area of application Multi-purpose frost-resistant joint adhesive for indoor and outdoor applications to bond all types of vapour retarders and vapour barriers, e.g. pro clima INTELLO, PE, PA, PP and aluminium films as well as sarking membranes, roof lining membranes and wall lining membranes to adjacent parts of the structure in accordance with DIN 4108-7, SIA 180 and OENORM B 8110-2.

Composition pro clima ORCON CLASSIC consists of aging-resistant, non-brittle acrylate copolymers that contain no plasticisers or halogen compounds. It contains water alone as a solvent.

Conditions The applications and conditions described here are based on current state-of-the-art research and practical experience. We reserve the right to change the recommended structures and processing methods and to further develop and thus alter the quality of individual products. We would be glad to inform you about the current state of engineering knowledge at the time that your installation is carried out.

Surfaces Subsurfaces must be suitable for airtight adhesives in order to ensure permanent airtight adhesion. They must have sufficient load-bearing capacity and be dry and free of dust, silicone and grease. The best results in terms of structural stability are obtained on high-quality vapour retarding and airtightness membranes – e.g. those made of PE, PA, PP and aluminium foils, paper membranes and wood-based panels (e.g. OSB). The suitability of the subsurface must be checked. If necessary, adhesion tests must be carried out.

Wet procedure: One of the materials to be bonded (membrane strip or adjacent component) must be absorbent. Apply ORCON CLASSIC, then place the membrane strip directly onto the adhesive bed. Do not press the line of adhesive completely flat. All pro clima vapour retarder membranes can be bonded using the simple wet procedure.

Dry procedure: This is more time-consuming and is recommended in cases where the membrane strip and adjacent components have little or no absorbency, e.g. if PE sheets are to be bonded to concrete components. Apply ORCON CLASSIC. Allow the adhesive to dry for approx. 1-2 days, and then press the membrane strips onto the dry adhesive. They will adhere immediately. The line of adhesive must be protected against dust.

Technic-Hotline

IE Ecological Building Systems Ltd. ☎ 00353 46 9432104, 📠 00353 46 9432435, info@ecologicalbuildingsystems.com
UK Ecological Building Systems UK Ltd, ☎ 0044 05600 758025, 📠 0044 05600 758026, info@ecologicalbuildingsystems.com

Technical data:

Characteristic	Value
Material	Non-ageing acrylate polymers without softeners or halogenated compounds
Colour	Light-brown
Characteristic	Frost-resistant, very tensile
Application temperature (unfrozen ORCON CLASSIC)	-10 °C / 14 °F to +50 °C / 122 °F
Temperature resistance	-20 °C / -4 °F to +80 °C / 176 °F
Storage	to -20 °C / -4 °F, cool and dry

Delivery Form:

Art.-Nr.	EAN	Content	Bead / Coverage	Delivery Form	PU	weight (kg/PU)
12769	4026639127693	310 ml	5 mm / ~ 15 m 8 mm / ~ 6 m	Piece	20	0,38 kg
12770	4026639127709	600 ml	5 mm / ~ 30 m 8 mm / ~ 12 m	Piece	12	0,75 kg

