

Material releases wall / ceiling

Heating foil E-ENERGY CARBON FLEECE

Caution: Install E-ENERGY CARBON according to the installation instructions. Only use plastic spatula to press in the heating foil. Avoid kinks and folds. After installing the heating foil, a complete covering layer (filler, plaster system, tile, etc.) of at least 2 mm must be applied. Use recommended products in accordance with the manufacturer's instructions and the generally recognised rules of technology. **TIP:** Check in the manufacturer's instructions when the heating system can be put into operation. In the case of tile coverings, this can take up to 28 days.

Tiles / Natural stone		Ceramic tiles / porcelain stoneware	Natural stone
Primer		ECO PRIM T PLUS (diluted with water depending on the absorbency of the substrate)	
If required	Mould removal	-	
	Compensation	PLANITOP FAST 330	
	Primer on balance	ECO PRIM T PLUS (diluted 1:2 with water)	
Thermal Decoupling*		-	
Embedding heating foil		ELASTORAPID or PLANIPATCH XTRA + LATEX PLUS	
Sealing in damp areas		MAPELASTIC with MAPEBAND-Dichtbandsystem	
Adhesive covering / top layer		ULTRALITE S1, ULTRALITE S1 QUICK, ULTRALITE S2, ULTRALITE S2 QUICK, KERAFLEX MAXI S1, KERAFLEX VARIO QUICK S1, ELASTORAPID	MAPESTONE 1, MAPESTONE BASIC, ELASTORAPID
Jointing mortar		ULTRACOLOR PLUS or KERACOLOR PLUS	

Notes on tiling

- When using a compound sealing, the system specifications must be observed.
- In the case of ceramic tiles, the choice of adhesive mortar must be made in accordance with the size of the tiles; for edge lengths > 60 cm, S2 adhesive mortar must be used.
- In the case of natural stone, the choice of adhesive mortar should be selected according to the susceptibility to discolouration and deformation of the natural stone to be laid; S2 adhesive mortar should be used for edge lengths > 60 cm.

* A professional dew point calculation must be carried out when applying interior heat insulation to exterior walls. The manufacturer's instructions must be observed.



Material releases floor

Heating foil E-ENERGY CARBON FLEECE

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Wood floors		Parquet
Primer		ECO PRIM T PLUS (diluted with water depending on the absorbency of the substrate)
If required	Compensation	ULTRAPLAN XTRA or PLANITEX FAST
	Primer on balance	ECO PRIM T PLUS (diluted 1:2 with water)
Embedding heating foil		1. Bonding the heating foil with PLANIPATCH XTRA + LATEX PLUS 2. Priming on the heating foil with ECO PRIM T PLUS (diluted 1:2 with water) 3. Equalize on the heating foil with ULTRAPLAN XTRA / PLANITEX FAST
Primer on embedded heating foil		–
Decoupling		–
Adhesive coating		Multilayer parquet: ULTRABOND ECO S948 1K, ULTRABOND ECO S940 1K Solid parquet flooring: ULTRABOND ECO S968 1K, ULTRABOND ECO P909 2K FAST

Tiles / Natural stone		Ceramic tiles / porcelain stoneware	Natural stone
Primer		ECO PRIM T PLUS (diluted with water depending on the absorbency of the substrate)	
If required	Compensation	ULTRAPLAN XTRA or PLANITEX FAST	
	Primer on balance	–	
Decoupling / Stiffening		UNIRENO laid with suitable tile adhesive	
Embedding heating foil		ELASTORAPID or PLANIPATCH XTRA + LATEX PLUS	
Sealing in damp areas		MAPELASTIC with MAPEBAND-Dichtbandsystem	
Adhesive coating		ULTRALITE S1, ULTRALITE S1 QUICK, ULTRALITE S2, ULTRALITE S2 QUICK, KERAFLEX MAXI S1, KERAFLEX VARIO QUICK S1, ELASTORAPID	MAPESTONE 1, MAPESTONE BASIC, ELASTORAPID
Jointing mortar		ULTRACOLOR PLUS or KERACOLOR PLUS	

Textile / elastic floor coverings		Textile coverings / needelfelt	PVC/CV coverings Design coverings
Primer		ECO PRIM T PLUS (je nach Saugfähigkeit des Untergrundes mit Wasser verdünnt)	
If required	Compensation	ULTRAPLAN XTRA oder PLANITEX FAST	
	Primer on balance	ECO PRIM T PLUS (diluted 1:2 with water)	
Embedding heating foil		1. Bonding the heating foil with PLANIPATCH XTRA + LATEX PLUS 2. Priming on the heating foil with ECO PRIM T PLUS (diluted 1:2 with water) 3. Equalize on the heating foil with ULTRAPLAN XTRA / PLANITEX FAST	
Primer on embedded heating foil		–	
Adhesive coating		Design flooring: ULTRABOND ECO 4 LVT PVC/CV: ULTRABOND ECO V4 SP Linoleum: ULTRABOND ECO 530 Rubber: ULTRABOND ECO V4 SP FIBER Textile coverings: ULTRABOND ECO TX3	

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