

# MAPEI SYSTEM BUILD-UP RECOMMENDATION WITH LAMINAHEAT

## Substrate preparation

| Substrate                           | Concrete                                      | Cement screed                          | Calcium sulphate screed                | Existing ceramic tiles | Mastic asphalt                         |
|-------------------------------------|-----------------------------------------------|----------------------------------------|----------------------------------------|------------------------|----------------------------------------|
| Primer                              | PRIMER MF                                     | ECO PRIM T PLUS diluted 1:3 with water | ECO PRIM T PLUS diluted 1:2 with water | ECO PRIM GRIP PLUS     | ECO PRIM T PLUS diluted 1:1 with water |
| Levelling compound, if required     | ULTRAPLAN XTRA                                | ULTRAPLAN XTRA                         | PLANITEX FAST                          | ULTRAPLAN XTRA         | PLANITEX FAST                          |
| Intermediate primer after levelling | ECO PRIM T PLUS, diluted 1:2 – 1:3 with water |                                        |                                        |                        |                                        |

## Laying and embedding the heating mat

|                                     |                                                          |
|-------------------------------------|----------------------------------------------------------|
| Adhesive mortar for bonding the mat | KERAFLEX EXTRA S1 LD                                     |
| Heating mat                         | LaminaHeat® SafeTech™ EGS with aluminium coating         |
| Levelling compound for embedding    | FIBERPLAN XTRA, ≥ 5 mm layer thickness                   |
| Waterproofing, if required          | MAPELASTIC, before laying ceramic tiles or natural stone |

The products named describe the application in abbreviated form. The technical data sheets for the products, together with the standards and guidelines currently in force, must be observed. Build-ups other than those shown here may only be used after approval and consultation with the application engineering department of MAPEI GmbH. This recommendation is valid for MAPEI GmbH in Germany. For use in other countries, please contact the relevant MAPEI company, listed at [www.mapei.com](http://www.mapei.com).

## Floor covering installation

| Covering type         | Adhesives                                                                                                                                             | Trowel notch                                                  | Consumption                                                                                                                                                                                                                |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Design covering (LVT) | ULTRABOND ECO 4 LVT<br>ULTRABOND ECO V4SP                                                                                                             | TKB A1 / A2                                                   | approx. 250 g/m <sup>2</sup>                                                                                                                                                                                               |
| PVC / CV              | ULTRABOND ECO V4SP<br>ULTRABOND ECO V4 EVOLUTION                                                                                                      | TKB A1 / A2                                                   | approx. 250 g/m <sup>2</sup>                                                                                                                                                                                               |
| Linoleum              | ULTRABOND ECO 530<br>ULTRABOND ECO V4SP                                                                                                               | TKB B1                                                        | approx. 350 g/m <sup>2</sup>                                                                                                                                                                                               |
| Textile coverings     | ULTRABOND ECO TX3<br>ULTRABOND ECO TX2                                                                                                                | TKB B1 / B2                                                   | approx. 350 – 450 g/m <sup>2</sup>                                                                                                                                                                                         |
| Multi-layer parquet   | ULTRABOND ECO S9 48 1K<br>ULTRABOND ECO S9 40 1K                                                                                                      | TKB B11 / B15<br>depending on format                          | approx. 1.0 kg/m <sup>2</sup>                                                                                                                                                                                              |
| Solid parquet*        | ULTRABOND ECO S968 1K<br>ULTRABOND ECO S958 1K<br>ULTRABOND ECO P909 2K FAST                                                                          | TKB B3 / B11 / B15<br>depending on format                     | approx. 1.0 kg/m <sup>2</sup>                                                                                                                                                                                              |
| Ceramic**             | KERAFLEX MAXI S1 ZERO<br>KERAFLEX VARIO QUICK S1<br>ULTRALITE S1 FLEX ZERO<br>ULTRALITE S1 FLEX QUICK<br>ULTRALITE S2 FLEX<br>ULTRALITE S2 FLEX QUICK | Notch size depends<br>on the format of the<br>tile being laid | approx. 1.1 kg/m <sup>2</sup> /mm<br>approx. 1.1 kg/m <sup>2</sup> /mm<br>approx. 0.8 kg/m <sup>2</sup> /mm<br>approx. 0.8 kg/m <sup>2</sup> /mm<br>approx. 0.8 kg/m <sup>2</sup> /mm<br>approx. 0.8 kg/m <sup>2</sup> /mm |
| Natural stone**       | MAPESTONE MAXI S1<br>MAPESTONE MAXI S1 ZERO<br>ELASTORAPID                                                                                            |                                                               | approx. 1.1 kg/m <sup>2</sup> /mm<br>approx. 1.1 kg/m <sup>2</sup> /mm<br>approx. 1.6 kg/m <sup>2</sup> /mm                                                                                                                |

\* Excluding solid planks and wood block paving.

\*\* For tiles larger than 1.2 m<sup>2</sup>, S2 adhesive mortars must be used.

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