

## Type UBS and UBM dry subfloors

The Frinorm type UBS and UBM dry subfloors have enormous advantages. Contrary to standard subfloors, no additional moisture enters the construction object. Fast progression of construction is enabled because there is no need to dry the floor at all. The outstanding thermal insulation as well as impact- and pressure-resistance properties of the prefabricated elements also guarantee excellent impact sound insulation confirmed in independent tests. The dry subfloor can be covered with all kinds of flooring without delay.

### Application

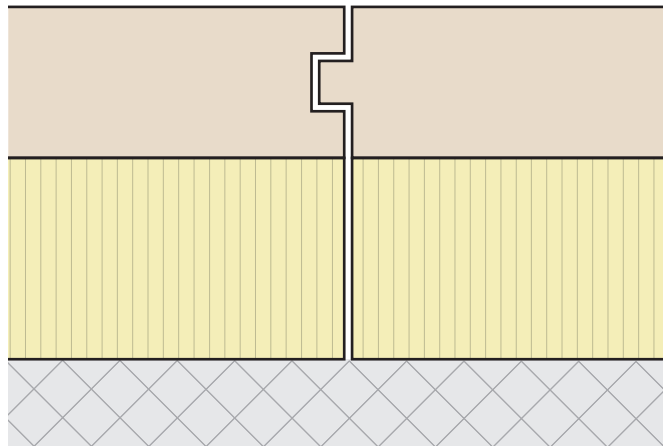
The Frinorm type UBS and UBM dry subfloors are suited for loose installation in dry construction in new and renovated buildings without underfloor heating in residential and basement rooms as well as in garages. The dry subfloor has a comparatively low installation height.

### Properties

- No construction delays
- Low installation height
- Solid and permanent floor in one step
- Robust surface, water-resistant, impact- and pressure-resistant, non-combustible
- Can be walked on and subjected to loads immediately
- Further finishing with all types of flooring possible (ceramic tiles, natural stone, wooden parquet, laminate, PVC flooring, carpet, etc.)
- Outstanding impact sound insulation
- Thermal insulation without formation of thermal bridges
- Two types of dry subfloor: with expanded rigid polystyrene foam (EPS) or with rock wool
- Dimensionally stable and non-warping
- Flush surface, perfect board joins
- Handy format
- Easy and fast installation, also suited for DIY installation

### Product description

The Frinorm dry subfloor is available in different designs: type UBS is made of expanded rigid polystyrene foam (EPS), 15 kg/m<sup>3</sup>, while rock wool, 160 kg/m<sup>3</sup>, is used for type UBM. Both boards are covered with a 30 mm thick cement-bonded chipboard, which is not only water- and impact-resistant, but also non-combustible. The circumferential groove and tongue joint ensures closed board joins. The dry subfloor can be covered with all kinds of flooring without delay (ceramic tiles, natural stone, wooden parquet, laminate, PVC flooring, carpet, etc.). The handy format of the dry subfloor enables loose installation without any additional fastening material. Through the application of this composite element, two results are achieved in one step: thermal insulation and a solid, permanent floor that can be walked on and subjected to loads immediately. Also suited for DIY installation.



### Materials of type UBS

Cover panel: cement-bonded chipboard, 30 mm

Thermal insulation: expanded rigid polystyrene foam (EPS), 15 kg/m<sup>3</sup>, 10–70 mm

Bonding: water-resistant D3 (EN 204-D3)

### Materials of type UBM

Cover panel: cement-bonded chipboard, 30 mm

Thermal insulation: rock wool, 160 kg/m<sup>3</sup>, 10–70 mm

Bonding: water-resistant D3 (EN 204-D3)

### Surface

The cement-bonded chipboard is water-, impact- and pressure-resistant as well as non-combustible. The surface can be walked on and subjected to loads immediately, and is also prepared for further finishing with all types of flooring like ceramic tiles, natural stone, wooden parquet, laminate, PVC flooring, carpet, etc.

### Edge milling

Circumferential groove and tongue joint

### Dimensions

Format: 1650 mm × 230 mm (0.379 m<sup>2</sup>)

Thicknesses: 40, 50, 60, 70, 80, 90, 100 mm

### Thermal transmittance coefficients of type UBS (U-values)

Element thickness	mm	40	50	60	70	80	90	100
U-value	W/m <sup>2</sup> K	1.776	1.211	0.918	0.739	0.619	0.532	0.467

### Thermal transmittance coefficients of type UBM (U-values)

Element thickness	mm	40	50	60	70	80	90	100
U-value	W/m <sup>2</sup> K	1.916	1.344	1.034	0.841	0.709	0.612	0.539

### Delivery

Delivery of exact quantity on single-use pallets wrapped with stretch film

### Consultation

For more information please refer to the technical data sheets.

Our technical consultants are at your service for all questions.