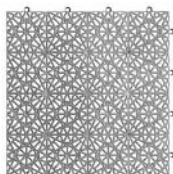


## TECHNICAL INFORMATION / TEKNISK INFORMATION



# BERGO MULTISPORT

|                                                                              |                                                                                     |                                                   |                                                                                                            |                                                                                |
|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Material:                                                                    |    | ISO2076                                           | Environmentally friendly recyclable UV-stabilized polypropylene with mineral additive.                     | / Miljövänlig återvinningsbar UV-stabiliserad polypropen med mineralblandning. |
| Size of tile:<br>/Plattans storlek:                                          |    | EN427                                             | 303,3 x 303,3 mm.                                                                                          |                                                                                |
| Thickness of tile:<br>/Plattans tjocklek:                                    |    | EN428                                             | 14,1 mm.                                                                                                   |                                                                                |
| Weight:<br>/Vikt:                                                            |    | EN430                                             | 1 tile: 0,342 kg.<br>5 m <sup>2</sup> : 19,55 kg (Maxi-pack).<br>4x3 tiles: 4,53 kg (Preassembled sheets). |                                                                                |
| Point load:<br>/Punktbelastning:                                             |    | QUALIFIED TEST BY BERGO                           | 500 ton / 1 m <sup>2</sup> = 5000 kg/dm <sup>2</sup>                                                       |                                                                                |
| Light fastness:<br>/Ljusbeständighet:                                        |    | EN 14836 (>3)<br>ISO 105-B02 (1-8)<br>ISO 105-A02 | 4-5<br>7-8<br>4/5                                                                                          |                                                                                |
| Weather Fastness /UV-<br>Floorida test (1-5):                                |                                                                                     | ASTM D1435<br>ASTM G154 Cycle A                   | 4/5                                                                                                        |                                                                                |
| Slip resistance:<br>/Halkmotstånd:                                           |    | EN13036-4<br>SS EN-13893<br>DIN 51130             | 108 PTV<br>>0,4<br>R10                                                                                     |                                                                                |
| Impact resistance:<br>/Slagtålighet:                                         |    | ISO179/1eA<br>ASTM D746                           | +23 °C = 20 kJ/m <sup>2</sup> / -20 °C = 5 kJ/m <sup>2</sup><br>C15 kJ/m <sup>2</sup>                      |                                                                                |
| Fire category<br>/Brandklassning:                                            |   | EN ISO 11925-2                                    | E <sub>fl</sub>                                                                                            |                                                                                |
| CE certification:                                                            |  | EN 14041                                          | 0402-CPD-P605080A                                                                                          |                                                                                |
| Shock absorbtion:<br>/Stötupptagning                                         | EN 14877                                                                            | EN 14808                                          | 6 %                                                                                                        |                                                                                |
| Vertical deformation:<br>/Svikt                                              | EN 14877                                                                            | EN 14809                                          | 0,3 mm                                                                                                     |                                                                                |
| Vertical ball behaviour:<br>/Bollstuds                                       | EN 14877                                                                            | EN 12235                                          | 98 %                                                                                                       |                                                                                |
| Resistance to wear:<br>/Nötningsmotstånd                                     | EN 14877                                                                            | EN ISO 5470-1                                     | 0,1 g / 1000 cycles                                                                                        |                                                                                |
| Water infiltration rate (broken-through pattern):<br>/Vattengenomsläpplighet | EN 14877                                                                            | EN 12616                                          | Requirement very well achieved.<br>Uppfyller kraven med god marginal.                                      |                                                                                |

Meets the standards of FIBA  
Results with underlayment.

|                        |            | Results | FIBA* requirements | Pass/Fail |
|------------------------|------------|---------|--------------------|-----------|
| Friction:              | EN 13036-4 | 97      | 80-110             | Pass      |
| Shock absorbtion:      | EN 14808   | 29 %    | ≥ 25               | Pass      |
| Vertical deformation:  | EN 14809   | 2.3 mm  | ≤ 3,5              | Pass      |
| Vertical ball rebound: | EN 12235   | 97 %    | ≥ 90               | Pass      |



\* FIBA requirements for levels 2 and 3: Mobile synthetic flooring

| Packaging:            | Quantity / packaging unit:                   | Quantity / pallet:                           | Size of pallet:                                                  |
|-----------------------|----------------------------------------------|----------------------------------------------|------------------------------------------------------------------|
| Maxi-pack carton      | 5 m <sup>2</sup> = 55 tiles                  | 1 pallet = 36 cartons = 180 m <sup>2</sup>   | 1,30 x 0,98 x 2,60 m = 3,3 m <sup>3</sup> , 754 kg gross weight  |
| Preassembled sections | 1 section = 4 x 3 tiles = 1,1 m <sup>2</sup> | 1 pallet = 75 sections = 81,8 m <sup>2</sup> | 1,26 x 0,96 x 1,21 m = 1,46 m <sup>3</sup> , 339 kg gross weight |
| Bulk                  |                                              | 1 pallet = 84 m <sup>2</sup>                 | 1,30 x 0,98 x 1,22 m = 1,55 m <sup>3</sup> , 330 kg gross weight |

### EXPLANATION OF EXPANSION IN VARIOUS TEMPERATURES/FÖRKLARING TILL UTVIDGNING I OLIKA TEMPERATURER

Expansion: 0,015 % per 10 °C

Formula for the size of the expansion: (0,0015 x length of the floor) x (number of increased degrees /10) / Formel för själva expansionens (utvidgnings) storlek: (0,0015 x längden av golvet) x (temperaturökning ( i grader)/10)  
Formula for the length of the floor after the expansion: Earlier length + Length of the expansion

| Example<br>Exempel | Length of floor<br>Längd på golvet | Calculation<br>Uträkning                            | Expansion | Length of floor after expansion<br>Längd på golvet efter expansion |
|--------------------|------------------------------------|-----------------------------------------------------|-----------|--------------------------------------------------------------------|
| 0°C–10°C           | 10 m                               | 0,00075 x 10 m x (10°C/10) =<br>0,0075 m (=0,75 cm) | 0,75 cm   | 10,0075 m                                                          |
| 0°C–30°C           | 10 m                               | 0,00075 x 10 m x (30°C/10) =<br>0,0225 m (=2,25 cm) | 2,25 cm   | 10,0225 m                                                          |
| 20°C–40°C          | 20 m                               | 0,00075 x 20 m x (20°C/10)=<br>0,03 m x (= 3 cm)    | 3,0 cm    | 20,03 m                                                            |



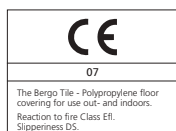
By normal use and treatment the material guarantee time is 10 years.



Bergo Flooring AB fulfills the requirements of ISO 9001.



Bergo Floors are 100% recyclable.



The Bergo Tile - Polypropylene floor covering for use out- and indoors.  
Reaction to fire Class Efl.  
Slipperiness DS.



SYSTEM  
1

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