



BERA  FLEX BASE

Playground & Sports Drainable Shockpad



BERA[®]

BERA® Flex Base

For all playground and sports fields equipped with artificial grass you can now use our ultra-drainable lightweight shockpad BERA® Flex Base. Made from durable and 100% recyclable expanded polypropylene, you can make any playground safe and dry. Installation is easy and efficient using large sheets of more than 2.1 m² each. Installed directly on hard, non-permeable surfaces or in sloped conditions, the H.I.C. value is specified to be 1.26 m in accordance with latest EN1177:2018. This includes a sloped concrete base.

Advantages:

- ☑ Play areas in gardens or public spaces and sports fields
- ☑ High Gmax value preventing fractures
- ☑ Very high drainage capacity horizontally & vertically
- ☑ Lightweight, large size panels
- ☑ Excellent thermal protection
- ☑ Safe material vs. other solutions

Applications:

- ☑ Play or sports in gardens
- ☑ Subbase for artificial grass
- ☑ Roof gardens

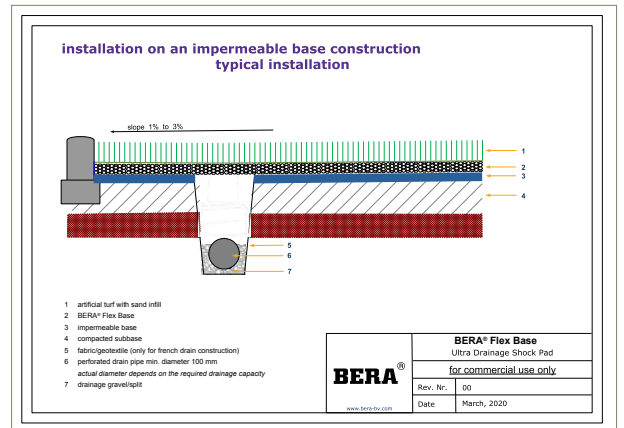
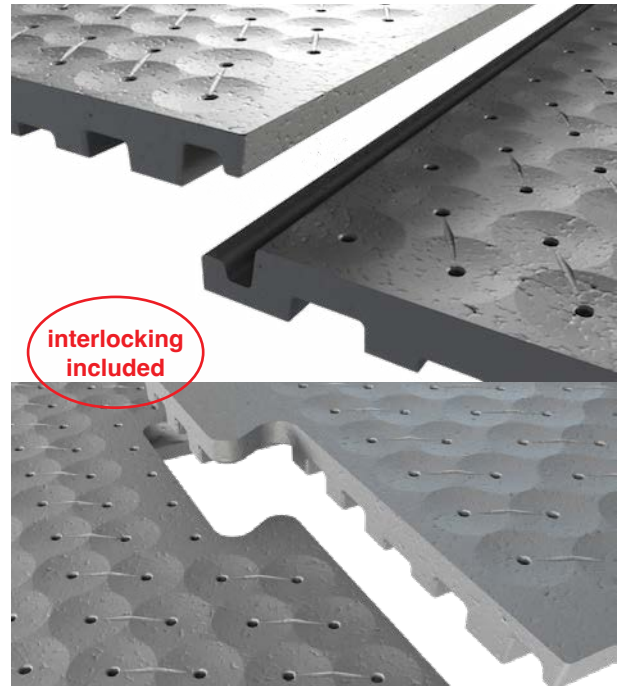
Keeping your playground safe and dry!!

TECHNICAL SPECIFICATIONS

Product	: BERA® Flex Base
Colour	: Black
Material	: Polypropylene, 100% recyclable
Dimension	: 1.95 x 1.12 m (2.18 m²)
Dimension installed	: 1.92 x 1.10 m (2.11 m²)
Thickness	: 23 mm
Weight	: 2 kg / sheet
Interlocking	: included, puzzle & groove
Packing	: 64 sheets / pallet (135 m²)
Pallet details	: 2.0 x 1.13 x 1.31 m (150 kg)

Tensile strength	: 1200 kPa (EN 12230)
Thermal expansion per 1 °C	: 0.11 mm/m
Chemical resistant	: yes
Toxicity	: none
Water drainability (vertical)	: 33537 mm/h (EN 12616)
Horizontal drainage	: by sloped installation 1 - 3%
Water storage in channels	: 5 l/m²
UV and frost	: Protected
Product safety	: REACH
Production standard	: ISO9001

Safety data for 1 sheet + artificial grass 24 mm + 25 kg/m² sand infill: max. 1,26 meter
 H.I.C. 1.26 (EN 1177:2018)
 Gmax 1.26



Typical installation, for other conditions contact your supplier

Note: The construction sequence is based on firm ground conditions. For soft ground additional measures may be required.

Contact

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