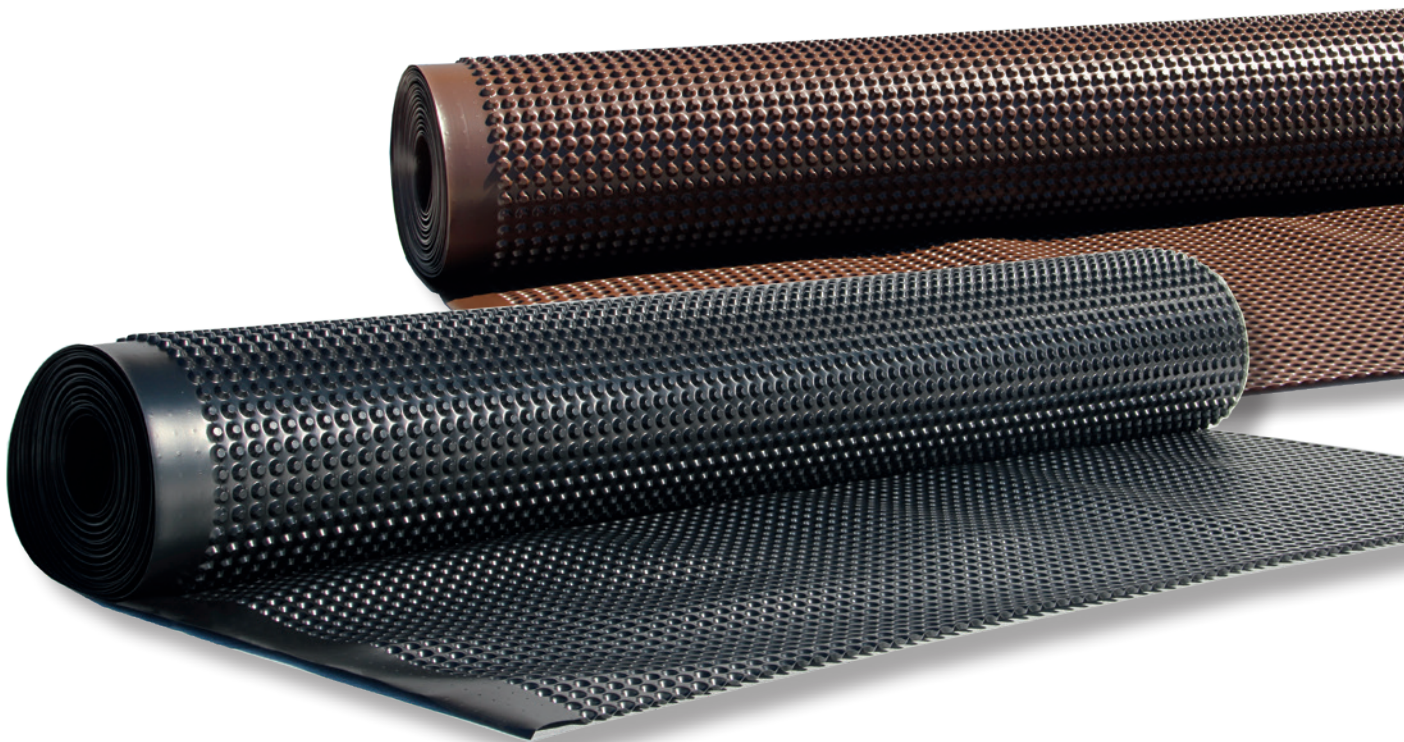


PM STANDARD GS 250



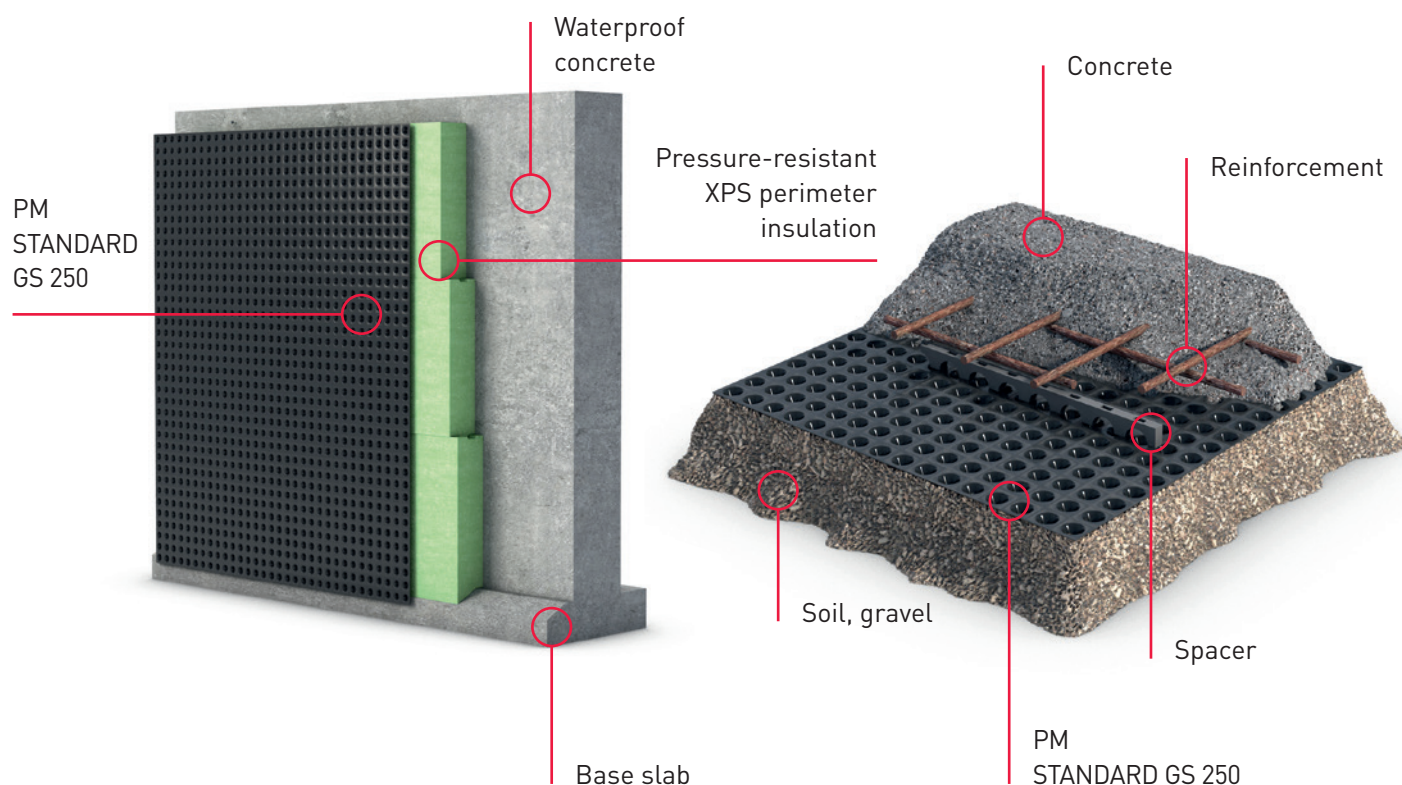
PM STANDARD GS 250 dimpled membrane with 8 mm high dimples is the high-quality solution for foundation wall protection and sub-bases. These PMI dimpled membranes are manufactured from high-quality high-density polyethylene (HDPE). HDPE is neutral to groundwater, pollutant-free for disposal and recyclable. The dimpled membranes are used to protect pressure-resistant XPS perimeter insulation and on sufficiently pressure-resistant sealing. Thanks to their very good compressive strength and elongation at break, PM STANDARD GS 250 dimpled membranes offer secure protection when backfilling excavation pits. Moreover, the dimples securely separate the foundation wall and the soil and are also an affordable alternative to lean concrete sub-bases.

Technical Data

Material	HDPE
Colour	black or brown
Number of dimples	1,710 dimples/m ²
Dimple height	8 mm
Compressive strength	250 kN/m ²
Water flow capacity in the plane, rigid – soft; i = 1.0	approx. 2.62 l/s·m at 20 kPa
rigid – soft, i = 0.01	approx. 0.17 l/s·m at 20 kPa
rigid – soft, i = 0.02	approx. 0.27 l/s·m at 20 kPa
rigid – soft, i = 0.03	approx. 0.35 l/s·m at 20 kPa
Temperature resistance	-30 °C to +80 °C
Fire behaviour	class E
Roll width	0.5 m / 1.0 m / 1.5 m / 2.0 m / 2.4 m / 2.5 m / 3.0 m
Roll length	20 m
Chem. properties	chemical-resistant, rot-proof
Biolog. properties	resistant to bacteria and fungi, root-proof
Physiolog. properties	safe for drinking water

For more information, visit www.pmi-plast.de

INSTALLATION INSTRUCTIONS



Vertical

PM STANDARD GS 250 is laid directly on a pressure-resistant sealing (waterproof concrete or pressure-resistant XPS perimeter insulation) with the dimples facing the structure. The membranes must be laid higher than, for example, the pressure-resistant XPS perimeter insulation, and fixed there temporarily. Bevel the pressure-resistant XPS perimeter insulation at the upper edge. The flat overlapping margin allows a fitting connection. After backfilling, the dimpled membrane is cut to the correct length and completed with the PM EDGE FINISHING PROFILE.

Horizontal

The PM STANDARD GS 250 dimpled membrane assumes the function of the previously used lean concrete. This affords climate-independent working and the elimination of waiting times for allowing the lean concrete to harden. The PM STANDARD GS 250 dimpled membranes are simply rolled out on the level and stable surface. While doing this, overlap the membranes lengthwise and crosswise by 20 cm. It is recommended to use rolls as wide as possible. The PM STANDARD GS 250 dimpled membrane also offers protection against rising moisture. It also prevents cement paste from flowing downwards.

Accessories:

PM MOUNTING BUTTON with specially hardened steel nails | PM EDGE FINISHING PROFILE made of plastic or metal in black or brown | PM BUTYL ADHESIVE TAPE | PM POWER FIX cartridge adhesive