

EUR150

GEODESIGN BARRIERS

Proven temporary dam system for safe, dry working in all watercourses.

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Dam height: 1.50 m

Material: EN 10292:2000 continuously hot-dip alu-zinc coated strip and sheet of steels with higher yield strength for cold forming. This has twice the strength of standard steel.

Weight: 29 kg/support

Support: Dimensions: 2100 mm × 325 mm × 85 mm (folded (L × W × H)); 2100 mm × 385 mm × 1500 mm (unfolded (L × W × H)). Continuously hot-dip alu-zinc coated strip and sheet of steel quality 420LADZ275.

Panel: Size: 1033 mm × 1250 mm × 1.0 mm. Continuously hot-dip alu-zinc coated strip and sheet of steel quality DOGAL1000DPXZ275. Weight: 16.7 kg/sheet, 2no. per meter.

Plastic membrane: Reinforced polypropylene 3-layer, weight 25.9 kg, 4.5 m wide × 50 m long.

Sealer clips: One sealer clip per section, to fasten the plastic membrane.

Chain: One row of chain on the outer edge, 5.0 m × 12 mm (weight: 2.84 kg/m), wrapped in the membrane and secured with cable ties.

Connection rod: Two per support, weight: 3.05 kg/connection rod.

The EUR150 Geodesign Barrier from High Water™ is used extensively by main contractors and their supply chains throughout the UK to provide safe, dry working conditions in all types of watercourse. This barrier can withstand 1.50 m of water and is designed to ensure full stability when overtopped.

This steel barrier has a new principal construction, comprising a front beam, a bottom beam and two supporting legs. The front beams are held together by two connection rods per section. The support automatically anchors itself to the ground when subjected to pressure from water acting on the sloping front. With the new high-strength steel quality, EN10292:2000, the steel thickness has been reduced from 2.0 mm to 1.5 mm.

The barrier is faced with either steel or aluminium panels that support a light-gauge sealing membrane. This enables the barrier to achieve an excellent seal on even the most uneven surfaces.

The EUR150 is part of the Geodesign Flood Barrier range, the first freestanding barrier range to be awarded the coveted British Standards Institution (BSI) Kitemark.

