POLYMER BORD CHANNEL

Supply, installation and commissioning of a prefabricated polymer concrete bord drainage channel system certified to TS EN 1433.

The channel body shall be manufactured from high-strength polymer concrete with a smooth internal surface, providing high hydraulic efficiency, low surface roughness and high resistance to water, frost, de-icing salts and commonly encountered chemical substances.

The bord channel shall have a hydraulically optimized internal cross-section to improve flow characteristics and self-cleansing performance, particularly under low-flow conditions.

It shall be selected in accordance with hydraulic calculations and project requirements.

Channel joint details shall permit consecutive channel elements to be aligned and joined, and shall incorporate a joint configuration suitable for O-rings and elastic filler/sealant applications where watertight installation is required.

The bord drainage system shall include suitable catch basins (with sludge/sediment traps), inspection elements, end caps, outlet connections and all other necessary accessories, forming a fully compatible system at the locations indicated in the project.