Polymer concrete

Polymer concrete is a structural material, like ordinary concrete, in which the aggregate has been replaced by silica sand and where synthetic resins, hardened by the addition of curing agents, have been used instead of cement. One of its important properties is high mechanical and chemical resistance.

SYTEC
ANCOR SYTEC Group

A2-s1,d0
Non-flammable material

Water-resistant

High mechanical strength

High resistance to frost

Good insulation properties

Environmentally friendly material

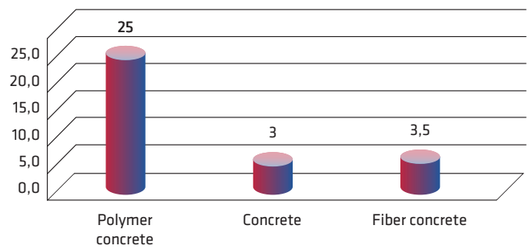
Mechanical processing with diamond tools

High resistance to aggressive chemicals, including acids and bases

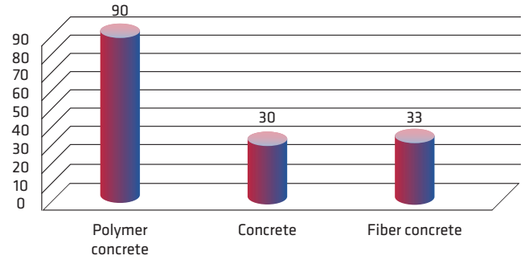
Finish in different colours

Short curing time

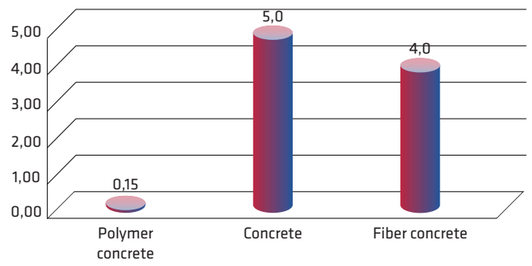
Flexural strength [MPa]



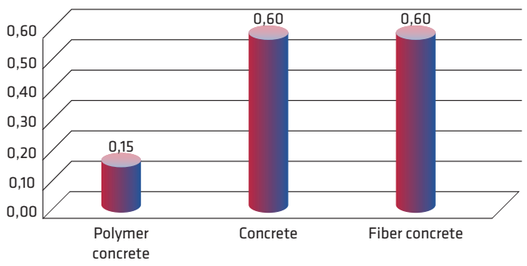
Compressive strength [MPa]



Water absorption [%]



Abrasion value [cm]



This folder is of a purely advertising nature and the presented technical solutions are subject to change.

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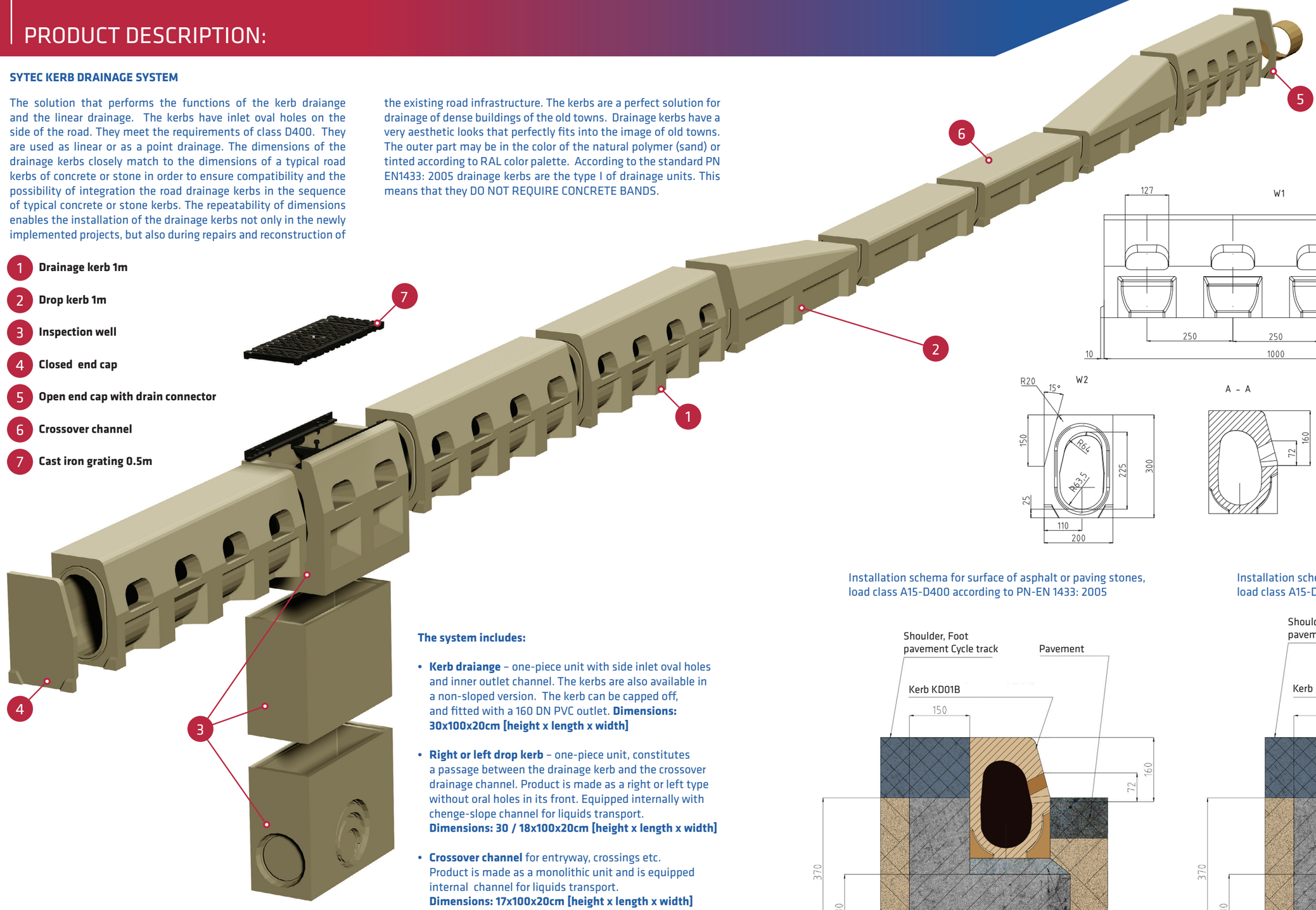
KD01B DRAINAGE KERB

PRODUCT DESCRIPTION:

SYTEC KERB DRAINAGE SYSTEM

The solution that performs the functions of the kerb draiange and the linear drainage. The kerbs have inlet oval holes on the side of the road. They meet the requirements of class D400. They are used as linear or as a point drainage. The dimensions of the drainage kerbs closely match to the dimensions of a typical road kerbs of concrete or stone in order to ensure compatibility and the possibility of integration the road drainage kerbs in the sequence of typical concrete or stone kerbs. The repeatability of dimensions enables the installation of the drainage kerbs not only in the newly implemented projects, but also during repairs and reconstruction of the existing road infrastructure. The kerbs are a perfect solution for drainage of dense buildings of the old towns. Drainage kerbs have a very aesthetic looks that perfectly fits into the image of old towns. The outer part may be in the color of the natural polymer (sand) or tinted according to RAL color palette. According to the standard PN EN1433: 2005 drainage kerbs are the type I of drainage units. This means that they DO NOT REQUIRE CONCRETE BANDS.

1. **Drainage kerb 1m**
2. **Drop kerb 1m**
3. **Inspection well**
4. **Closed end cap**
5. **Open end cap with drain connector**
6. **Crossover channel**
7. **Cast iron grating 0.5m**



The system includes:

- **Kerb draiange** – one-piece unit with side inlet oval holes and inner outlet channel. The kerbs are also available in a non-sloped version. The kerb can be capped off, and fitted with a 160 DN PVC outlet. **Dimensions: 30x100x20cm [height x length x width]**
- **Right or left drop kerb** – one-piece unit, constitutes a passage between the drainage kerb and the crossover drainage channel. Product is made as a right or left type without oral holes in its front. Equipped internally with chenge-slope channel for liquids transport. **Dimensions: 30 / 18x100x20cm [height x length x width]**
- **Crossover channel** for entryway, crossings etc. Product is made as a monolithic unit and is equipped internal channel for liquids transport. **Dimensions: 17x100x20cm [height x length x width]**
- **Inspection well** - Kerb drainage well includes several components: top section with inlet holes and cast iron grating, intermediate section and bottom section. Steel strainer basket KOK15 is optional. The grating is fastened with a catch lock. **Dimensions: 78 / 114x100x27 - 20.4cm [height x length x width]**

Installation schema for surface of asphalt or paving stones, load class A15-D400 according to PN-EN 1433: 2005

Installation schema for concrete pavement load class A15-D400 according to PN-EN 1433:2005