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Polymer concrete is a structural material, like ordinary concrete, in which the aggregate has been replaced by silica sand and where synthetic resins, hardened by the addition of curing agents, have been used instead of cement.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
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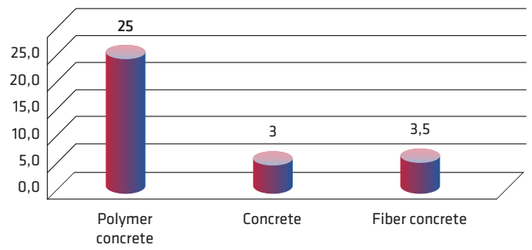
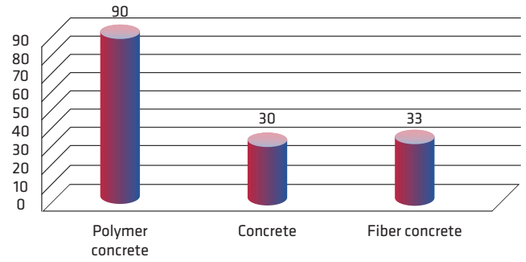
- A2-s1,d0 — Non-flammable material
- Water-resistant
- High mechanical strength
- High resistance to frost
- Good insulation properties
- Environmentally friendly material
- Mechanical processing with diamond tools
- High resistance to aggressive chemicals, including acids and bases
- Finish in different colours
- Short curing time

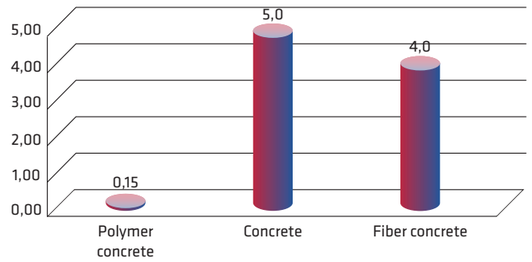
Flexural strength [MPa]



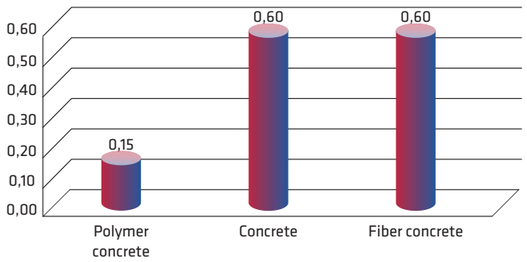
Compressive strength [MPa]



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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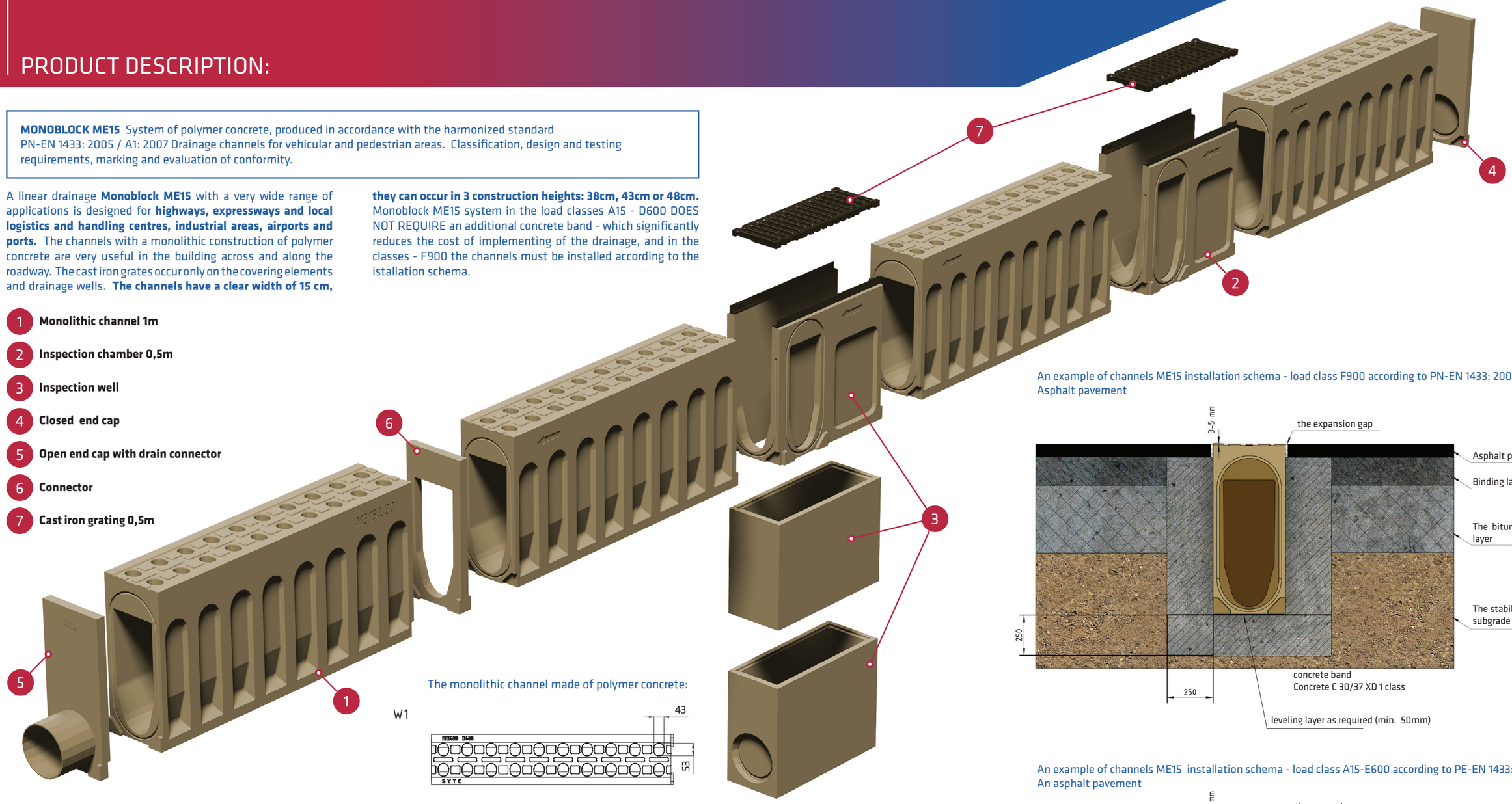
MONOBLOCK ME15 SYSTEMS

PRODUCT DESCRIPTION:

MONOBLOCK ME15 System of polymer concrete, produced in accordance with the harmonized standard PN-EN 1433: 2005 / A1: 2007 Drainage channels for vehicular and pedestrian areas. Classification, design and testing requirements, marking and evaluation of conformity.

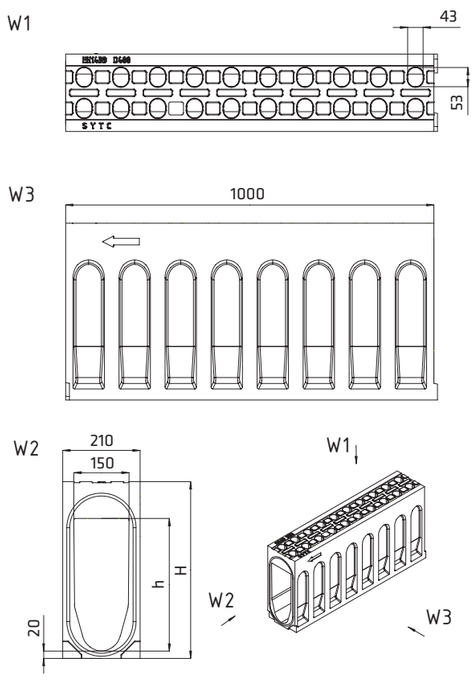
A linear drainage **Monoblock ME15** with a very wide range of applications is designed for **highways, expressways and local logistics and handling centres, industrial areas, airports and ports.** The channels with a monolithic construction of polymer concrete are very useful in the building across and along the roadway. The cast iron grates occur only on the covering elements and drainage wells. **The channels have a clear width of 15 cm, they can occur in 3 construction heights: 38cm, 43cm or 48cm.** Monoblock ME15 system in the load classes A15 - D600 DOES NOT REQUIRE an additional concrete band - which significantly reduces the cost of implementing of the drainage, and in the classes - F900 the channels must be installed according to the istallation schema.

1. **Monolithic channel 1m**
2. **Inspection chamber 0,5m**
3. **Inspection well**
4. **Closed end cap**
5. **Open end cap with drain connector**
6. **Connector**
7. **Cast iron grating 0,5m**



Dimensions:		
Type	h	H
ME15.L00	260	380
ME15.L10	310	430
ME15.L20	360	480

The monolithic channel made of polymer concrete:



An example of channels ME15 installation schema - load class F900 according to PN-EN 1433: 2005 / A1: 2007
Asphalt pavement

An example of channels ME15 installation schema - load class A15-E600 according to PE-EN 1433:2005/A1:2007
An asphalt pavement