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Polymer concrete is a structural material, like ordinary concrete, in which the aggregate has been replaced by silica sand and where synthetic resins, hardened by the addition of curing agents, have been used instead of cement.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

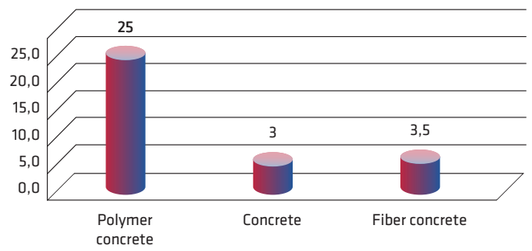
Mechanical processing with diamond tools

High resistance to aggressive chemicals, including acids and bases

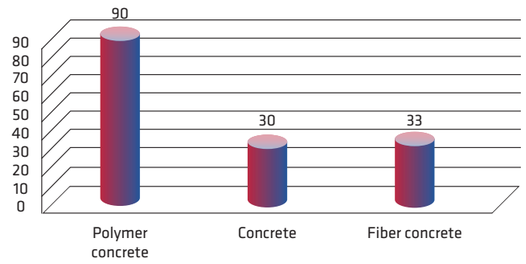
Finish in different colours

Short curing time

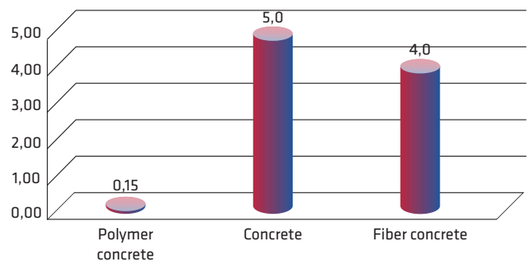
Flexural strength [MPa]



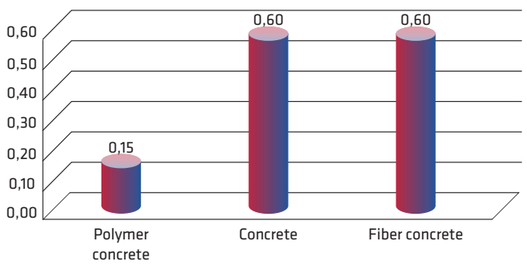
Compressive strength [MPa]



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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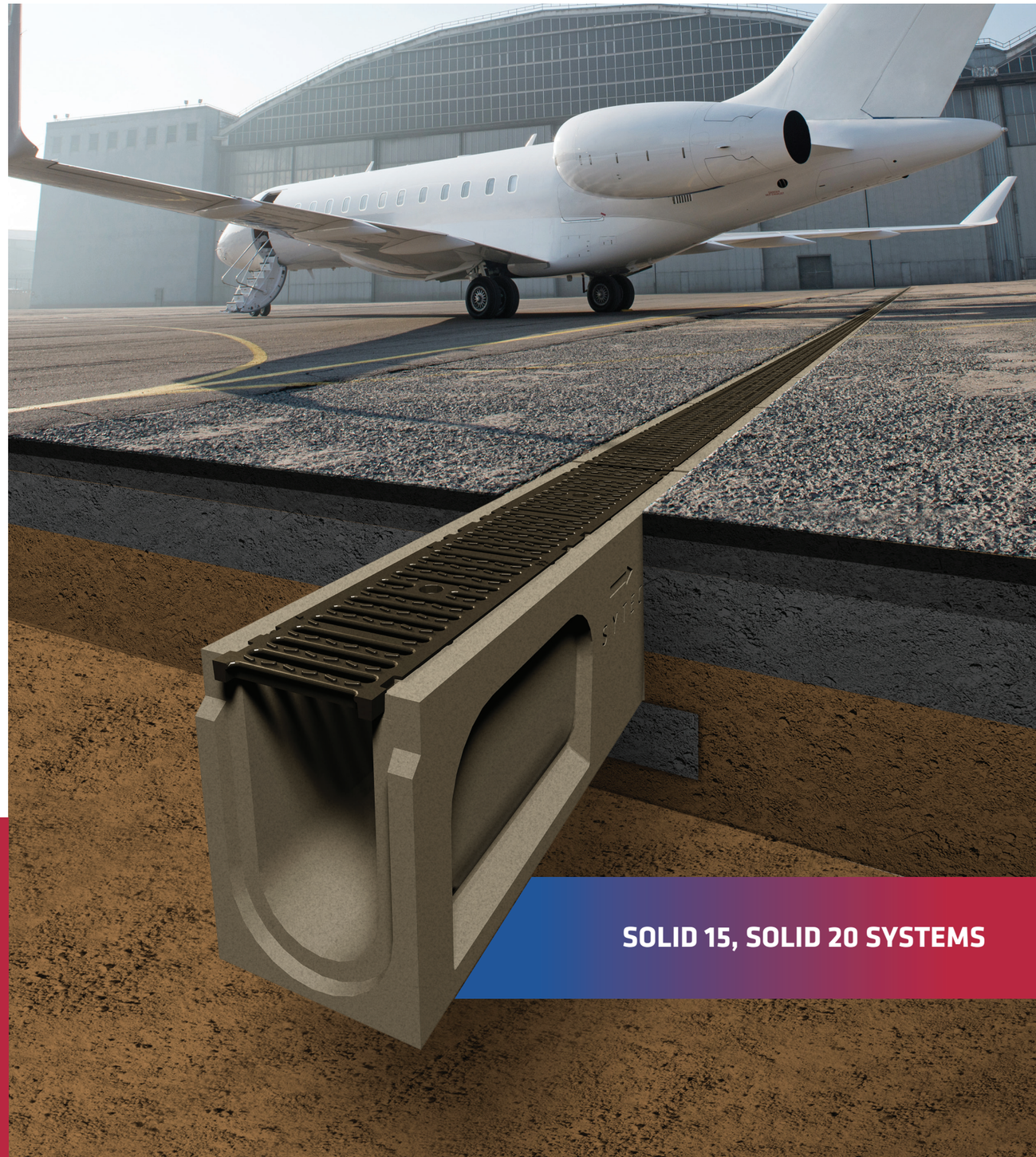


SOLID 15, SOLID 20 SYSTEMS

PRODUCT DESCRIPTION:

SOLID 15 and SOLID 20 Systems of the polymer concrete are produced according to 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.

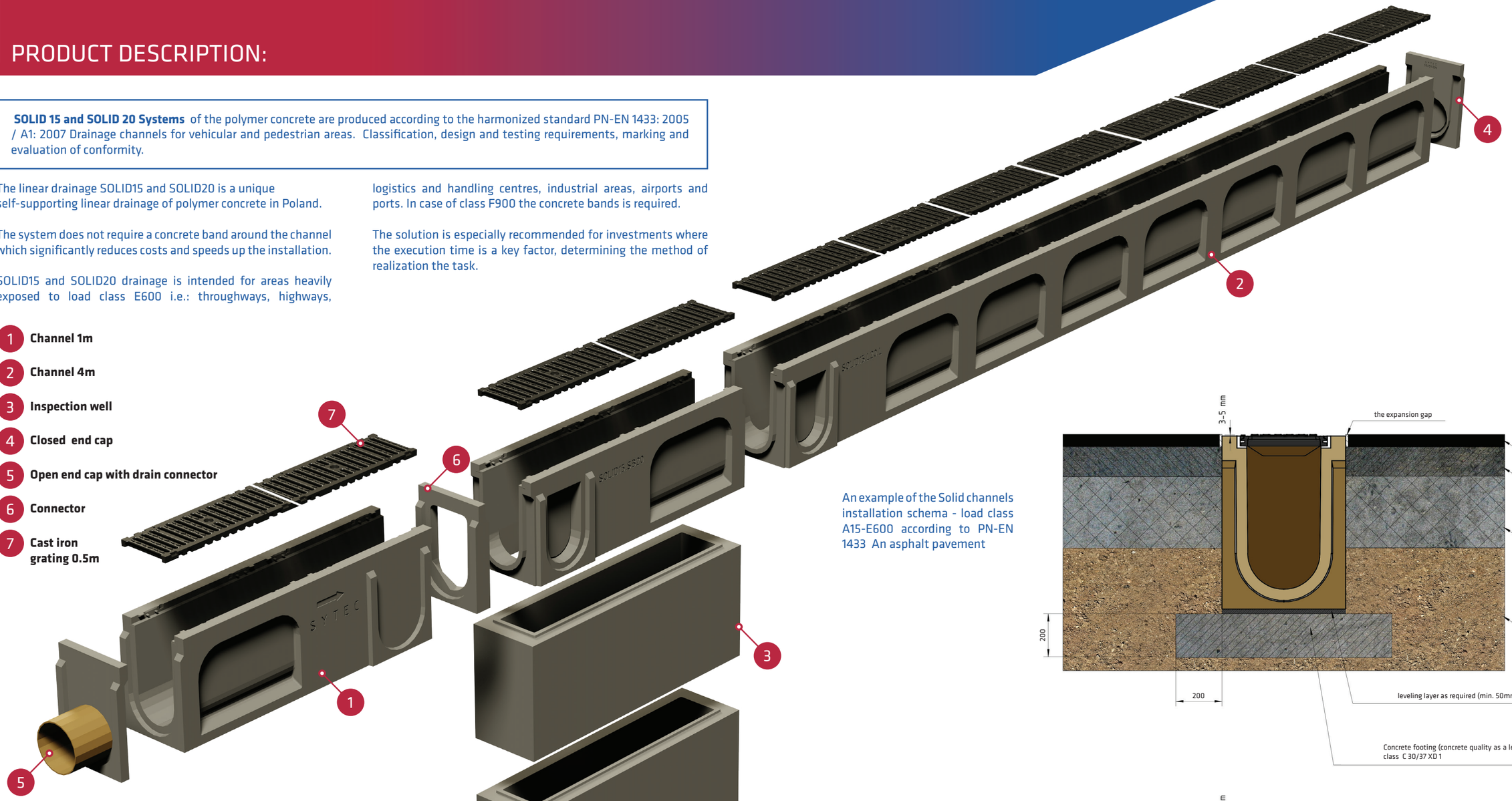
The linear drainage SOLID15 and SOLID20 is a unique self-supporting linear drainage of polymer concrete in Poland.

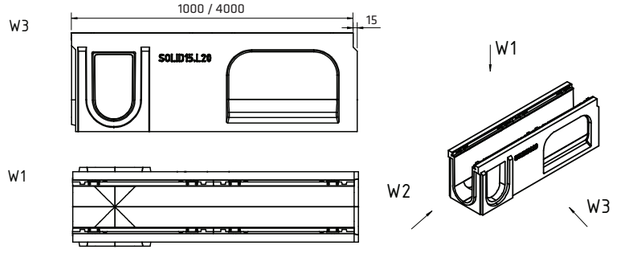
The system does not require a concrete band around the channel which significantly reduces costs and speeds up the installation.

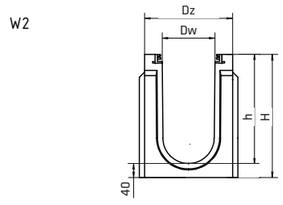
SOLID15 and SOLID20 drainage is intended for areas heavily exposed to load class E600 i.e.: throughways, highways, logistics and handling centres, industrial areas, airports and ports. In case of class F900 the concrete bands is required.

The solution is especially recommended for investments where the execution time is a key factor, determining the method of realization the task.

1. **Channel 1m**
2. **Channel 4m**
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 (cm)	H (cm)	Dw (cm)	Dz (cm)
Solid15.L20	31	35	15	25
Solid20.L10	33	37	20	30

An example of the Solid channels installation schema - load class A15-E600 according to PN-EN 1433 An asphalt pavement

An example of the Solid channels installation schema - load class F900 according to PN-EN1433. An asphalt pavement