

ENKADRAIN® BUILDING SOLUTIONS

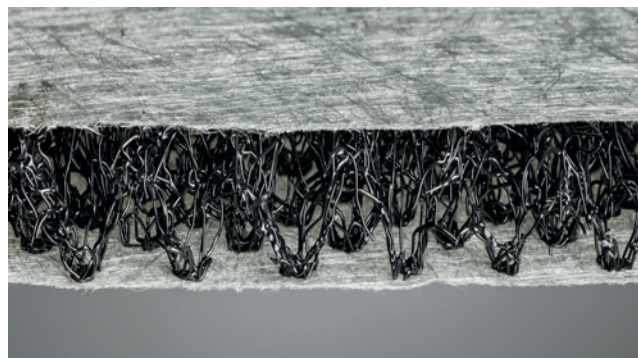
PRODUCT AND APPLICATION GUIDE

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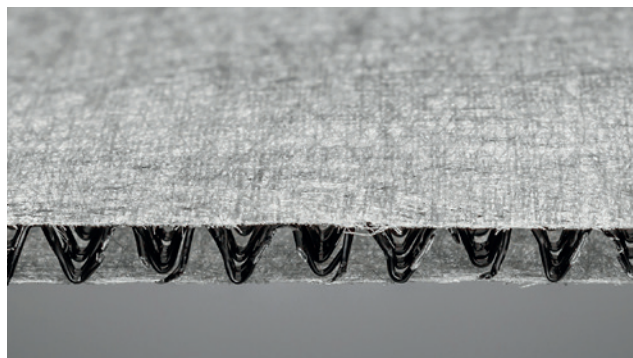
PRODUCT AND APPLICATION GUIDE

The EnkaDrain family includes a range of high-performance drainage composites for the building segment, each with unique characteristics, fitting specific functions and applications.

This document serves as a guide for choosing the right EnkaDrain for every building project.



Pyramid shape product



V-shape product

- Light-weight
- Flexible
- No shape memory
- Good load distribution
- Easy to cut

EnkaDrain basics

EnkaDrain composites consist of a three-dimensional monofilament structure (the drainage core) which is bonded to a protective, filtering or laticence-tight nonwoven on one or both sides. The number of attached nonwovens is referred to as 1s (1 side) or 2s (2 sides) in the product typology. The drainage core can be pyramidal or v-shaped and can be made from different polymers. Based on these parameters, they are grouped in the EnkaDrain families Standard, Premium and V-shape.

All EnkaDrain types are lightweight, flexible, and are easy to cut. They have no shape memory and have good load distribution.

PROPERTIES		ENKADRAIN STANDARD	ENKADRAIN PREMIUM	ENKADRAIN V-SHAPE
Drainage core	pattern	Pyramid shape	Pyramid shape	V-shape
	property	Isotropic	Isotropic	Anisotropic
	polymer	Polypropylene (PP)	Polyamide (PA)	Polypropylene (PP)
Components bonding process		Thermal bonding	Thermal bonding	Spotwelding
Nonwoven filter(s)		Thermobonded NW	Thermobonded NW	Thermobonded NW

EnkaDrain functions

PRODUCTS	DRAINAGE + FILTRATION	PROTECTION	VIBRATION DAMPING	IMPACT SOUND INSULATION	LOST SHUTTERING	DECOUPLING
EnkaDrain Standard						
B10/1s	●	●				
B10/2s	●	●●				
CKL10B	●				●●	
C20/1s	●●	●				
C20/2s	●●	●●				
E20/1s	●●●	●●				
E20/2s	●●●	●●●				
CKL20E	●●●				●●	

PRODUCTS	DRAINAGE + FILTRATION	PROTECTION	VIBRATION DAMPING	IMPACT SOUND INSULATION	LOST SHUTTERING	DECOUPLING
EnkaDrain Premium						
TP/2s	• •	• • •		• •		
ST/2s	• •	• • •	• • •	• • •		
CK20	• •		• • •	• • •	• • •	

EnkaDrain V-Shape						
5004F/2s/T110PP	•	• •				• •
5004C/2s/T110PP	•	• •				• • •
5006H/2s/T110PP	• •	• •				• •

Dot number to be considered as a performance index.

EnkaDrain applications

PRODUCTS	BASEMENT WALL	UNDERGROUND SLAB	PARKING DECK HARDSCAPE	FLAT ROOFS	RETAINING WALLS
EnkaDrain Standard					
B10/1s	•			•	•
B10/2s	•	•		•	•
CKL10B	•	•			•
C20/1s	•			•	
C20/2s	•			•	
E20/1s	•			•	•
E20/2s	•	•		•	•
CKL20E	•	•			•

EnkaDrain Premium					
TP/2s	•	•		•	•
ST/2s	•	•		•	•
CK20	•	•			

EnkaDrain V-Shape					
5004F/2s/T110PP			•		
5004C/2s/T110PP		•	•		
5006H/2s/T110PP	•				•

Relevant products per application. Project specific design is recommended, for underground slab it is mandatory

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