



TECHNICAL DATA SHEET

SNTDRAIN EKL 400 HDPE DIMPLED SHEET

* CE certification according to DIN EN 13967

GENERAL INFORMATION AND USAGE AREAS

SNTDRAIN EKL400 is a board which has a bubbly structure made from high-density polyethylene, high compressive strength, and resistant against chemicals and plant roots. SNTDRAIN EKL400 bubbly structure creates an air gap between the wall and the soil.

SNTDRAIN EKL400 is used for the draining of ground water and protection of the underground waterproofing system against damages caused by soil pressure. SNTDRAIN EKL400 is used as a moisture barrier for the concrete. Alternatively SNTDRAIN EKL400 is laid on the soil in order to obtain a clean surface on the base in stead of lean concrete. Waters approaching the walls is drained quickly. In the tunnels SNTDRAIN EKL400 enables the transmission of intense water to the drainage channels.

PHYSICAL AND TECHNICAL PROPERTIES

RAW MATERIAL	HDPE (HIGH DENSITY POLYETHYLENE)
COLOUR	BLACK
DIMPLE HEIGHT	8 MM
AREA WEIGHT	400 GR/M2 (±5%)
THICKNESS	Minimum 0,30 mm
ROLL LENGHT	10 mt ; 20 mt ; 30 mt ; 35 mt
ROLL WIDTH	0,50 mt ; 1,00 mt ; 1,50 mt ; 2,00 mt
REACTION TO FIRE	CLASS F
RESISTANCE TO WATER PENETRATION	W1 (Waterproof)
COMPRESSIVE STRENGTH	125 kN/m2 (±20%)
ELOGNATION	MD ≥ %25 ; CMD ≥ %15
TENSILE STRENGTH	MD ≥ 150 N/50mm ; CMD ≥ 100N/50mm
SERVICE TEMPERATURE RANGE	-30, +80 °C
OTHER PROPERTIES	Resistant to the chemicals and plant roots. Not harmful to the drinking water. Resistant to the acid, alkali, oil and solvents. No deterioration under soil.

STORAGE INFORMATION

Dry and cool place , in original packaging, protect from UV radiation.
Rolls must be transported upright and stowed.
Pallets should not be placed on top and it should be stored away from direct heat sources.