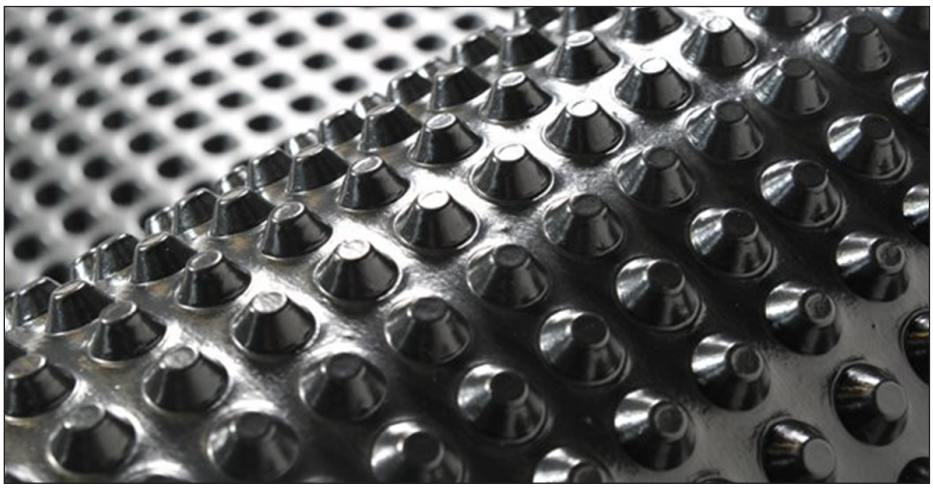
# TECHNICAL DATA DHEET



**DS8 600 ECO**
**HDPE DIMPLED SHEET**

CE

**Function :** Protection, Ventilation

***CE certification according to DIN EN 13967**

## GENERAL INFORMATION AND USAGE AREAS

DS8 600 eco is a board which has a dimple structure made from high-density polyethylene, high compressive strength, and resistant against chemicals and plant roots. DS8 600 eco dimple structure creates an air gap between the wall and the soil.

DS8 600 eco is used for the draining of ground water and protection of the underground waterproofing system against damages caused by soil pressure. DS8 600 eco is used as a moisture barrier for the concrete. Alternatively DS8 600 eco 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.

## PHYSICAL AND TECHNICAL PROPERTIES

| | |
|---|---|
| **RAW MATERIAL** | HDPE (HIGH DENSITY POLYETHYLENE) |
| **COLOUR** | BLACK |
| **DIMPLE HEIGHT** | 8 MM |
| **AREA WEIGHT** | 600 GR/M2 ( ±5%) |
| **THICKNESS** | Minimum 0,50 mm |
| **ROLL LENGHT** | 10 mt ; 20 mt ; 30 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** | 250 kN/m2 ( ±30%) |
| **ELOGNATION** | MD ≥ %25 ; CMD≥ %15 |
| **TENSILE STRENGTH** | MD ≥ 200 N/50mm ; CMD≥ 150N/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.

The content of this data sheet reflects the current state of knowledge at the time of its creation and makes no claim to completeness. The information provided does not relieve the user of responsibility. Upon publication of this data sheet, all previous versions become invalid. Errors and typos excepted.

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