

# TECHNICAL DATA SHEET

## DESCRIPTION

A high-density polyethylene (HDPE) dimpled sheet, faced with polyester yarn geotextile. Specifically designed as a backfill protection and vertical drainage board for sub-grade tanking. Nuradrain is designed to reduce hydrostatic pressure behind walls by providing an unimpeded drainage path to the base drainage coil.

## TECHNICAL SPECIFICATIONS

| Technical Specifications            | Unit of Measurement | Nominal Value |
|-------------------------------------|---------------------|---------------|
| Cell height of drainage board       | mm                  | 10            |
| The weight of drainage board        | gm <sup>2</sup>     | 1500          |
| The weight of geotextile            | gm <sup>2</sup>     | 250           |
| The weight Composite drainage board | gm <sup>2</sup>     | 1750          |
| Compressive strength                | kPa                 | 150           |
| Tensile strength (Longitudinal)     | N/mm                | 200/50        |
| Tensile strength (Transverse)       | N/mm                | 150/50        |
| Elongation at break (Longitudinal)  | %                   | 8             |
| Elongation at break (Transverse)    | %                   | 8             |
| Longitudinal flow rate              | cm <sup>3</sup> /s  | 6.5           |
| Puncture strength                   | N                   | 205           |
| Length                              | m                   | 20            |
| Width                               | m                   | 2             |
| Roll area                           | m <sup>2</sup>      | 60            |
| Roll weight                         | Kg                  | 70            |

## APPLICATION

Raised side of Nuradrain to be installed against the membrane. Butt sheet joints tight and tape all joints with Nuralite 48mm Foil Tape and hold in place with Nuralite adhesive tape.

Can be held in place prior to back fill with either, Nuralite adhesive tape supplied by Nuralite, sand bagging or Nuradrain self-adhesive mechanical fixings supplied by Nuralite.

Initial backfilling should be by hand around the base of Nuradrain but can be completed mechanically. Care must be taken to prevent damage to Nuradrain during the back filling process. Fix in place the Nuradrain termination bar before back filling is completed.

Nuradrain can withstand the lateral load applied by compaction equipment up to 100mm from the face. Excessive compaction force should be avoided.

## COMPOSITION

High density polyethylene (HDPE)  
Geotextile polyester yarn

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## SAFETY, STORAGE & HANDLING INFORMATION

Do not stack pallets.  
Store indoors.

For these products, the best available information on safe handling, storage, personal protection, health, and environmental considerations has been gathered. SDS (Safety Data Sheet) are available [here](#) and users should acquaint themselves with this information. Carefully read detailed precaution statements on product labels and the SDS before use.

## TRANSPORT CLASSIFICATION

N/A

*The information in this product data sheet is based on our experience and testing. It represents the latest information available at the time of printing, but no guarantee of its accuracy is made or implied, nor responsibility taken for use to which this information may be put. We reserve the right to alter or up-date information parameters and formulations at any time without notice.*