



HYDROSTRUCT™

Specification Sheet

HYDROSTRUCT DBS (Damp Barrier System)

Patented Pre-formed Stepped Damp-Proof Course

Proudly South African Innovation

A definitive barrier against rising damp, engineered for sustainability, system integrity, and superior quality control.

The HYDROSTRUCT DBS is a patented, pre-formed stepped damp-proof course that guarantees cavity walls remain open and ventilated. Manufactured from 100% recycled HDPE, it is a technically superior solution for modern construction.

Product Overview

- **Product Name:** Hydrostruct DBS (Damp Barrier System)
- **Material:** 1mm High-Density Polyethylene (HDPE)
- **Sustainability:** Manufactured from 100% recycled materials.
- **Brick Specification:** Specifically designed for 'Maxi' sized bricks
- **System Components:**
 - Integrated click-fit weep tubes (suggested 1 per 500mm)
 - Preformed internal and external corners
 - Stop ends (typically placed against vertical RC structure)

Product Grades: A Clear Distinction

Commercial Grade (Premium)

The premium solution designed to replace a conventional stepped Damp-Proof Course (DPC). A high-quality DPC for specific, targeted applications.

Key Feature: Includes a **2mm thick butyl putty sealant** applied to the full length of the underside of the lower channel.

Mechanism: Under the weight of the wall, the butyl putty compresses to form a complete, watertight seal, actively preventing water ingress via capillary action.

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Domestic Grade:

The standard solution designed to replace a conventional stepped Damp-Proof Course (DPC). A high-quality DPC for specific, targeted applications.

Key Feature: Does **not** include the butyl putty sealant.

Primary Use: Most effective as a damp course **above doors and windows** to manage water within the cavity.

Secondary Use: Can be used as a stepped DPC only when a stepped threshold has been cast into the slab edge.

Key Features & Benefits



Superior Sustainability | Made from 100% recycled HDPE, significantly reducing the project's environmental footprint



Guaranteed Cavity Ventilation | Blocks rising damp while ensuring cavities remain open and breathing, preventing moisture buildup and mould



Installation Quality Control | The installation sequence allows for comprehensive cavity cleaning and inspection before the wall is sealed



System Integrity | Pre-formed corners and components reduce on-site cutting and errors, ensuring a reliable and durable installation



Cost-Effectiveness | A competitively priced alternative to traditional methods with minimal risk of costly post-installation failures

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Specify with Confidence

Specification Details:

Hydrostruct DBS (Damp Barrier System)

Select Grade: Commercial Grade / Domestic Grade

1mm HDPE preformed damp proof course designed for Maxi bricks, manufactured from 100% recycled material, including:

- Integrated click-fit weep tubes @ 1 No. per 500mm and,
- Internal / external corners and stop ends as required - per design.
- (Commercial Grade includes 2mm integrated butyl putty sealant)

HYDROSTRUCT DBS is protected by a registered Patent, Trademark, and Design.

| **Contact for Enquiries and Specifications:** |

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