

FORMALINER heavy duty

PRODUCT INFORMATION - F3002


FORMAVOID

INTRODUCTION

Formaliner HD is a heavy-duty high-density polyethylene weldable impermeable geomembrane, for Formavoid stormwater attenuation applications. Specifically selected for flexibility, robustness & integrity. Fully compatible with a standardised range of membrane sealed connections and components.



It is advised that joints hot air welded with a twin wedge welder and tested with an air lance.

For use in accordance with harmonised standards: BS EN 13361/13362/13492.

FORMALINER HD Information

Product Code	F3002
Thickness	1.0mm
Material	High Density Polyethylene
Roll Dimensions	5.1m(width) x 100m (length)
Density	0.940g/cm ³ (ASTM D 1505)
Break Strength	30kN/m (ASTM D 6693 type IV)
Break Elongation	750% (ASTM D 6693 type IV)
Tear Resistance	130N (ASTM D 1004)
Puncture Resistance	350N (ASTM D 4833)
Carbon Black Content	2-3% (ASTM D 4218/6370)

Oxidative Induction Time (OIT)

Standard OIT	100min (ASTM D 3895)
High Pressure OIT	400min (ASTM D 5885)
Oven Ageing at 85°C	55% (ASTM D 5721)
UV Resistance HP OIT % retained after 1600hrs	50% (ASTM D 5885)

- ✓ Fully compatible with our standard range rigid membrane sealed tank adaptors.
- ✓ Compatible with our membrane checkdam components.

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Packaging

Packaging	Roll
Roll Size	100m x 5.1m (510m ²)
Roll Weight	Approx. 370kg
Storage	Store in original packaging indoors where possible

Formavoid 100
FORMALINER HD
Formatextile
>5% CBR Formation



NOTES

- Compatible with membrane sealed components.
- Formaliner HD to be placed on a Formatextile (F2001) protection geotextile.
- Overlaps of minimum 150mm are required. Overlaps can be sensibly reduced when panels of geomembrane are twin wedge welded.



Last Revised November 2023

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