

Rev 2.2 - 09 July 2009

DATA SHEET

Newton 508 Mesh - M3

INTRODUCTION

Newton 508 Mesh is a high quality meshed cavity drain waterproofing membrane suitable for use internally below the ground to retaining walls and vaulted soffits. Newton 508 Mesh is a membrane option within our Newton System 500 waterproofing system that includes Newton drainage and pumping systems.

Its high quality meshed surface provides an excellent 'key' for lime mortars, renders, plasters or dabbled plasterboard. Please see the Newton Installation Manual for details on fixing and finishing of the product.

Newton 508 Mesh is guaranteed against deterioration for 30 years, and has a life expectancy of at least 50 years (DIN 9001:2000). Newton 508 Mesh is inert, highly resistant to water, alkalis, saline solutions and organic acids, and it is not effected by minerals. It is also resistant to bacteria, fungi and other small organisms.

ASSOCIATED PRODUCTS

- Newton MultiPlug - A1 or Nuseal Plug - A2 - for fixing the membrane to walls
- Newton Waterseal Rope - A6 or Tape - A5 - for double sided vapour controlled jointing
- Newton Overtape - A7 & A8 for single sided vapour controlled jointing and sealing around protrusions through the membrane
- Newton Basedrain - D1, Floordrain - D3, Baseboard - D8 drainage systems
- Newton Pumps, Pump Systems and Pump Control Systems



Width (m)	2.07
Length (m)	20.00
Area (m ²)	40.00
Weight (kg)	28.00
Colour	White
Raw material	High Density Polyethylene
Thickness (mm)	0.60
Stud height (mm)	8.00
Compressive strength	N/A Wall & Soffit membrane only
Vapour permeability	0.046g/m² x hr x mmHg
Thermal resistance	0.078m² K/W
Thermal conductivity	0.461 W/m K
Air volume between studs	5.51 litres/m²
Drainage capacity	4.61 litres/sec/m²
Vicat softening temperature	126 °C

