

DATA SHEET

NEWTON 520

Cavity Drain Waterproofing Membrane

Rev 3.0 - 12 October 2010

PRODUCT CODE - M4 & M13

INTRODUCTION

Newton 520 is a high quality cavity drain membrane suitable for use above floors as an option within our Newton System 500 waterproofing system that includes Newton drainage and pumping systems.

Newton 520 is guaranteed against deterioration for 30 years, and has a life expectancy of at least 50 years (DIN 9001:2000). Newton 520 is inert with high compressive loading stability. It is 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 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



NEWTON 520	
Width (m)	2.07
Length (m)	20.00 / 10.00
Area (m ²)	40.00 / 20.00
Weight (kg)	36.30 / 18.15
Colour	Brown
Raw material	High Density Polyethylene
Thickness (mm)	0.80
Stud height (mm)	20.00
Compressive strength	>250 kN/m ² (with studs filled)
Vapour permeability	0.046g/m ² x hr x mmHg
Thermal resistance	0.078m ² K/W
Thermal conductivity	0.461 W/m K
Air volume between studs	12 litres/m ²
Drainage capacity	10 litres/sec/m ²
Vicat softening temperature	126 °C

