



Novia 500 Polythene VCL

Description

This product is a blown polythene material, suitable for use as a Vapour Control Layer within the walls of timber frame constructions, or where the control of the passage of water vapour is required. This product is manufactured to strict tolerances within an ISO 9001 approved production facility, and will meet NHBC Standard 6.2. Other sizes and thickness are also available to order.

VCL's are designed for use on the inside (warm side) of insulated buildings to manage the flow of water-vapour, which is a natural by-product of normal building use. Without the use of these membranes within the construction, there is significant risk of condensation within the building structure, potentially leading in the long-term to building damage, and in the short term to substantially increased heating and cooling costs. As little as 3% moisture deposited within the building's insulation, has been shown to negatively affect insulation performance by up to one third.

This product also performs the additional task of an air-leakage barrier, to prevent losses due to unwanted convection flows. We also advise the use of Novia compatible butyl and foil sealing tapes to ensure a complete vapour seal is maintained throughout the entire life of the product. Novia 500 VCL should be used in combination with Novia breather membranes to provide an air-tight and vapour resistant system.

Properties

Length	50m
Width	2.7m
Material	Virgin Polythene
Roll weight	15.5 kg
Area per roll	135m ²
Colour	Green tint
Material Thickness	500 Gauge / 125 Micron (nominal)
Packaging	Clear polybag wrapper

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