



Kalzip

# Kalzip VCL Vapour Control Layers – Dimensions and Properties

## Technical Information

TIS-COMP-VCL-040

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The following table gives the technical specification for the range of Kalzip VCL vapour control layers and sealant tapes. For further information with regard to use see Technical Information Sheet [TIS-COMP-VCL-039 – Kalzip VCL – Vapour Control Layer](#).

Kalzip VCL - Specifications			
Property	Kalzip VCL	Kalzip VCL Foil	Kalzip VCL Sealant Tape
Material	Low density reinforced virgin polyethylene	Reinforced virgin polyethylene encapsulating aluminium foil	Butyl Rubber
Thickness	0.2 mm	0.3 mm	2 mm
Roll size	2 m x 50 m	2 m x 25 m	15 mm x 24 m 30 mm x 24 m 70 mm x 15 m
Roll weight	21 kg	17 kg	-
Colour	Transparent blue/black grid	White/grey with Kalzip system logo	Red
Tensile strength	3.5 kN/m	8 kN/m	-
Tensile adhesion	-	-	1.9 kg/cm <sup>2</sup>
Moisture vapour transmission (g/m <sup>2</sup> /24 hr)	0.6	0.005	-
Moisture vapour resistance (MN s/g)	350	43,000	900
Elongation	-	-	400% at 100 mm/min
Joint movement	-	-	20%