

Technical Data Sheet

Denso Superlight Profiling Mastic

Description:	A cold applied, self supporting, slump resistant, light weight mastic. It is a petrolatum compound containing beads of closed cell cellular polymer and flow control additives. Shuk-Denso Superlight Profiling Mastic is mainly used for profiling irregular shapes to provide contours for subsequent tape wrapping.
Composition:	A blend of neutral petrolatum compounds, inert siliceous fillers, synthetic fibres and beads of closed cell polymer.
Characteristics:	<ul style="list-style-type: none">• Stable in composition and plasticity. Non-hardening, setting or cracking• Easy application from arctic to tropical temperatures• Excellent moulding and sealing properties• Accommodates vibration and mechanical stress or movement of substrate• Highly resistant to mineral acids, alkalis and salts• High specific volume making it "superlight" and easy to handle during application.
Uses:	For profiling around pipe joints, flanges, fittings, nuts, bolts and other irregular shapes to improve contours for subsequent tape wrapping. It is applied to clean, primed surfaces prior to overwrapping with Shuk-Denso petrolatum or bitumen tapes.
Surface Preparation & Application:	Clean metal surfaces with a wire brush. Firmly adherent rust and scale need not be removed. For petrolatum-based systems a thin film of Shuk-Denso MP Primer or Hi Tack Primer should be applied before mastic is introduced. For bitumen-based systems a thin film of Primer D should be applied prior to mastic application. Contour irregular shapes to a circular or pipe profile for wrapping with tape.
Recommended Temperatures:	Maximum Service Temperature: 60° C

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Dimensions:

DENSOM	3kg Block Mastic
DENSOMSL03.5	3.5kg Block Superlight Mastic

Physical Properties:

Test	Test Methods	Units	Value
Uncut Cone Penetration	ASTM D937	dmm	85 ± 15
Density	ASTM D1475	kg/L	0.61 ± 0.12
Specific Volume	ASTM D1475	ml/kg	1650 ± 330
Flash Point	ASTM D92	°C	>180