

Latexfalt[®] Flooring

Appearance	Jointless, non dusting hardwearing floor.
Colour	Initially dark grey when laid, turning under traffic to black.
Thickness range	15 - 25 mm in one layer
Compression strength [hardness]	<p>The compression strength of Latexfalt industrial floors is built-up by using a well-graded mineral skeleton with Latexfalt flooring emulsion and cement as binding-agents. This combination makes it possible to design types of floors with a different compression strength.</p> <p><u>normal duty:</u> The standard Latexfalt floor gives a hardness for concentrated loads of 4 to 6 N/mm² [40 to 60 kgf/cm²].</p> <p><u>heavy duty:</u> A more select mixture of materials and a modified bitumen ensures the required hardness for concentrated loads of the Latexfalt HD floor of 6 to 10 N/mm² [60 to 100 kgf/cm²].</p>
Permanent plasticity	<p>This is one of the most important properties of the Latexfalt industrial floors - normal or heavy duty.</p> <p>The special use of Latexfalt flooring emulsion gives a degree of permanent plasticity. Therefore it is unlikely that cracks or damage [caused by settlement of substrate] will occur but should this, nevertheless, be the case, Latexfalt floors will prove the selfhealing properties by regular traffic.</p>
Indentation DIN 1996	at 22°C indentation ± 0.3 mm at 40°C indentation ± 0.3 mm
Load bearing capacity	long term : 5N/mm ² [600 psi] short term : 10N/mm ² [1.200 psi]
Fire resistance	Can be considered non-combustible.
Thermal conductivity	0,80 W/m.K.
Coëfficiënt of expansion	2 x 10 ⁻⁵ /°C
Noise reduction	Is 6 dB less than concrete and impact sound is 5 dB less
Skid resistance [Le Roux]	dry : 91 wet : 46



PRODUCT INFO

Service temperature	0 - 60°C
Application temperature	5 - 40°C
Setting time	- foot traffic 24 - 36 hours; - light rolling traffic 72 hours; - intensive traffic 5-7 days.
Surface resistance	1,5 x 10 ¹¹ Ohm
Volume resistance	3,1 x 10 ¹¹ Ohm
Limitations	<p>Generally standard Latexfalt flooring is not resistant to substances which attack or dissolve cement or bitumen. Petroleum, oils, greases and brake fluids, acids and concentrations of sugar and alcohol solutions cause surface damage. Special finishes to the basic Latexfalt flooring are available and should be provided in local areas subject to aggressive spillage.</p> <p>The declared service temperature range allows the use of Latexfalt flooring in chill areas but not cold stores.</p>
Maintenance general	Constant wheeled traffic maintains the surface, healing any hair cracks arising from minor movement. Routine maintenance of surface by sweeping only.
Cleaning	Wash down with mild detergents which are suitable for concrete. For removal of severe dirt use a caustic soda solution and wash off quickly.
Repair	Cut away damaged areas and leave clean cut edges. Fill with Coldfix repair mortar, feathering to 0 mm.

The information submitted in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.

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