PRODUCT DATA SHEET

Velu-Mark

Velu-Mark is a unique, highly durable, solvent free and rapid cure two component marking/coating product. It is particularly suited for marking and coating applications where high abrasion resistance, low dirt pick-up and the ability to be cleaned easily prevail over high skid resistance. Velu-Mark is especially suitable for factories, warehouses, car parks, food processing plants, etc. Velu-Mark has the following features:

Unique Proprietary Technology
100% Solids
Highly Durable
One Coat Application
Fast Cure
Solvent Free & Contains No VOCs
Flexible
Odour Free
Environmentally friendly
Non-hazardous
Able to cure at sub-zero temperatures
UV Stable
Excellent resistance to chemicals

Technical data

Density	Velu-Mark Base: 1.40 kg/L Velu-Mark Hardener: 1.15 kg/L
Solids Content	100%
Volume Solids	100% (mixed)
Gloss	Satin Gloss
Colours	White, Traffic Yellow, Traffic Red, Traffic Green, Traffic Blue, Traffic Grey A (RAL 7042), Traffic Grey B (RAL 7043), Black. Other colours on request.
State of Matter	Liquid (both components)
Packaging	10 litre pack: 1 x 3.3 litre Velu-Mark Hardener in metal pails 1 x 6.7 litre Velu-Mark Base in metal pails
	5 litre pack: 1 x 1.7 litre Velu-Mark in metal pails 1 x 3.3 litre Velu-Mark in metal pails
Flash point	Velu-Mark Base: 100°C Velu-Mark Hardener: 203°C
Storage Life	6 months in original packaging and in dry conditions. Velu-Mark must be stored at temperatures between 5-30°C, not in direct sunlight and must not be exposed to freezing conditions; limited shelf life after opening because of reaction with water vapour in the air
Health, Safety and the Environment	Material safety data sheets are available for Velu-Mark Base and Velu-Mark hardener. Always refer to the material safety datasheets before handling or mixing this product. Velu-Mark is a two-component marking/coating system which cures

	on the basis of chemical reaction (polymerization).Care should be taken that both components are carefully and thoroughly mixed prior to application.

Guidelines for the application

Application Methods	By foam or gloss pile roller or by brush or by screed box and roller. Spray application available soon. Pour the Velu-Mark hardener into the metal pail containing the Velu-Mark base material and mix thoroughly. Apply by foam or gloss pile roller or brush. Velu-Mark can also be applied by flat screed box followed by a foam or gloss pile roller to finish. When used as a coating for large areas a squeegee may be used to spread Velu-Mark followed by a foam or gloss pile roller to finish
Surface temperature	Between 5-40°C. For temperatures outside of this range please consult Veluvine. Velu-Mark is able to cure at temperatures below 0°C.
Pot Life (mixed)	1 hour
Spread Rate	200ml - 550ml/m2. Usage varies according to different substrates.
Recommended Thickness	200 microns - 550 microns. Thickness required will depend on different substrates.
Surface & Surface Preparation	The surface to which the Velu-Mark is to be applied must be dry, clean and free of dirt, dust, oil, grease, loose particles and any other types of contaminants. If the surface is not in this required state, mechanical preparation of the surface, preferably by shotblasting, must be undertaken to ensure the surface is sufficiently clean.
Curing: Dust Dry Time	After approx. 45 minutes
Curing: Traffic Time	Approx. 2 hours @20°C
Skid/Slip Resistance	If enhanced skid/slip resistance is required GEM500 glass grain can be dropped onto Velu-Mark immediately after application of Velu-Mark. Alternatively GEM 500 can be mixed into Velu-Mark at a rate of 30% by weight. This should be carried out as the two components are being mixed.
Cleaning of equipment and tools	For hand tools commonly available cleaners may be used. Please consult Veluvine for further guidance. For machine application use Veluvine Velu-Mark Cleaner.