

DESCRIPTION

HVS1 is a durable, high performing flexible homogeneous multipurpose flooring for most types of heavy contact areas. It receives a Polyurethane (PU) surface treatment.

USES

HVS1 is recommended for public, institution and commercial buildings where ease of maintenance and long life under heavy traffic are required.

BENEFITS

Anti-bacterial, anti-fungal hygienic floor

Suitable for use in healthcare, pharmaceuticals, hospitals and institutions

- Able to sustain heavy traffic usage – wear resistant
- Excellent stain resistance and easy to clean
- Good chemical resistance
- Fast and clean installation

COLOURS

Available in standard colours as shown in the colour chart.



TECHNICAL DATA

DESCRIPTION

Total thickness	EN428	2.0 mm
Product weight	EN430	3300 gm/m ²
Roll width	EN426	2.0 m
Length of Sheet	EN426	2.0 mm

SAFETY CRITERIA

European Classification K	EN 685 / EN 649	K
	NF P 92 506	M2
	EN 13 501-1	Class Bfl - S1
Fire rating	DIN 4120	B1
	ASTM E662	< 450
	ASTM E648	class 1
Electrical resistance	EN1815	< 2 KV
	EN1081	> 10 ⁹⁻¹⁰ Ω
Slip resistance dry	EN13893	≥ 0.3
Slip resistance wet	DIN51130	R9

GENERAL PROPERTIES

Abrasion group	EN 649	M
Abrasion Resistance	EN 660.1	0.20 mm
Castor wheel test	EN 425	Suitable
Colour fastness	EN 20105 - B02	6
Chemical product resistance	EN 423	Good
Dimensional stability	EN 434	≤ 0.40
Flexibility	EN 435	Excellent
Hygiene treatment	MRSA	Very good
Indentation	EN 433	Approx 0.09 mm
Residual indentation	EN 433	Approx 0.08 mm

INSTALLATION

Subfloor to be smooth, hard, clean and dry prior to laying. The material must be acclimatize 24 hours before installation in a room temperature between 18°C - 24°C. Match welding rods are required for heat welding on ground floor.

MAINTENANCE

An emulsion dressing is required. Maintenance should be carried out regularly to retain the appearance and durability of the floor. The floor covering should be maintained with regular cleaning using neutral cleanser.

FURTHER INFORMATION

With a wealth of technical experience built up over many years in our pursuit of excellence especially in the protective and flooring technology, contact **MACHLAB** for further consultation.