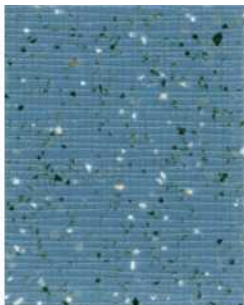


# Safetred Universal

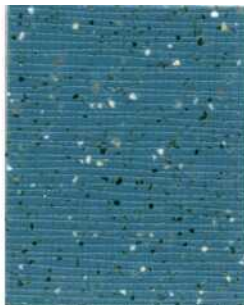
Slip resistant floorcovering



STU 110 Venus\*



STU 190 Constellation\*



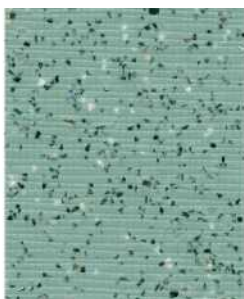
STU 230 Galaxy



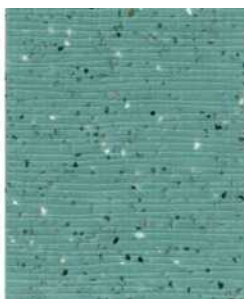
STU150 Saturn



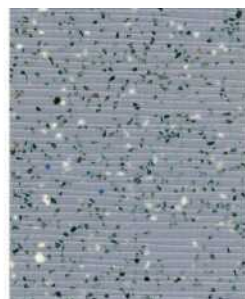
STU 120 Pluto



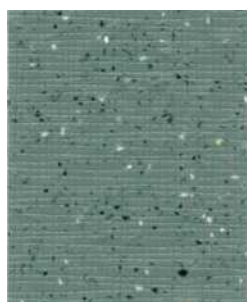
STU 130 Neptune\*



STU 240 Comet



STU 250 Zodiac



STU 180 Mercury\*



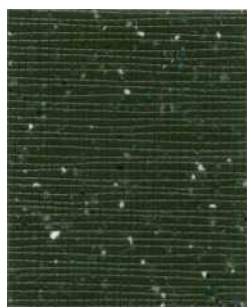
STU 170 Jupiter\*



STU 220 Sun



STU 210 Moon\*



STU 200 Cosmos\*



STU 160 Mars\*



STU 140 Earth



STU 260 Star

These are representative samples. For technical reasons the material may vary in shade and appearance.











\*Also available in 2.5 mm thickness

# Safetred Universal

Slip resistant floorcovering

- Contains silicon carbide, granite and flint granules for performance with aesthetic appeal.
- Unique embossed surface to enhance slip resistance.
- Good resistance to chemicals and residual indentation.

## Product data

	Thickness (EN 428) 2 or 2.5 mm
	Dimensions Sheet: 2.0 x 20 m
	Weight (EN 430) (2.0 mm) - 2.6 kg/m <sup>2</sup> (2.5 mm) - 3.2 kg/m <sup>2</sup>
	Packaging Sheet: 40m <sup>2</sup> (20 lin. metres)
	Colour range (2.0 mm) - 16 (2.5 mm) - 8
	Residual indentation (EN 433) Excellent recovery from indentation exceeding the requirements.
	Castor wheel test (EN 425) Suitable for intensive use.
	Abrasion resistance (EN 660-2) Class T.
	Slip resistance (Pendulum 4S) High level of wet and dry slip resistance as evaluated using the TRRL Pendulum, with 4S Tester. DIN 51130 (Shod) - R10 ASTM D2047 - James Test AS/NZ 54586 - B DIN 51097 (Barefoot) - B
	Flammability (PrEN ISO 13501: 2001) BFL S1 Epiradiateur: M3

	Critical radiant flux (ASTM E648) Class 1
	Smoke emission NORTEST NT 007 Pass ASTM E662 - <450
	Colour fastness (BS EN ISO 105-B02: 1999) Minimum Standard 6.
	Chemical resistance Good resistance to everyday substances. Advice is available on resistance to specific chemicals.
	Microbial resistance Incorporates a bacteriostet which resists fungal and bacterial growth.
	Thermal conductivity (DIN 52612) X = 0.19 W/mk.
	Classification (EN 685) Location usage group: 34, 43 Agreement Certificate No 97/3330 G5Ws.

## Typical areas of use

Excellent for use in general, heavy traffic areas, especially where safety under foot is required including, hospitals, schools, shops, canteens, labs etc. Also suitable for ramps and wheelchair areas.

## Installation

Should be installed in accordance with British Standard 8203: 2001. Subfloors must be smooth, hard, clean and dry before laying. Uneven solid or suspended timber subfloors may need preparation to meet the required standard. In the case of direct to earth concrete, a damp proof membrane must be incorporated in the subfloor. Safetred Universal must be allowed to relax for 24 hours in a room temperature between 18°C and 27°C prior to and during installation. Adjacent sheets should be reverse laid. Safetred Universal must be seam welded using a Marley Welding Rod. Safetred Universal should be laid with Marley Embond 170 or Marley Embond 168, except in wet areas where Embond 401 should be used.

## Maintenance

Regular maintenance will protect the appearance and durability of the floor. It is recommended that Safetred Universal is maintained by wet mopping or machine scrubbing using a flooring detergent according to the manufacturers directions. The floor should then be rinsed thoroughly with clean water and allowed to dry. Polish or other surface treatments should not be applied. A detailed routine maintenance programme for Safetred Universal is available.

## Guarantee

Safetred Universal is guaranteed for 10 years against defective material, provided that it is specified, installed and maintained in accordance with our recommendations.

## Technical Services

Comprehensive advice on selection, specification, installation, performance and maintenance is available from our Customer Services Department at Lenham.

As Marley Floors operate a programme of continuous product improvement, we reserve the right to amend technical performance of our products without notice.

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