

Triflex FMS

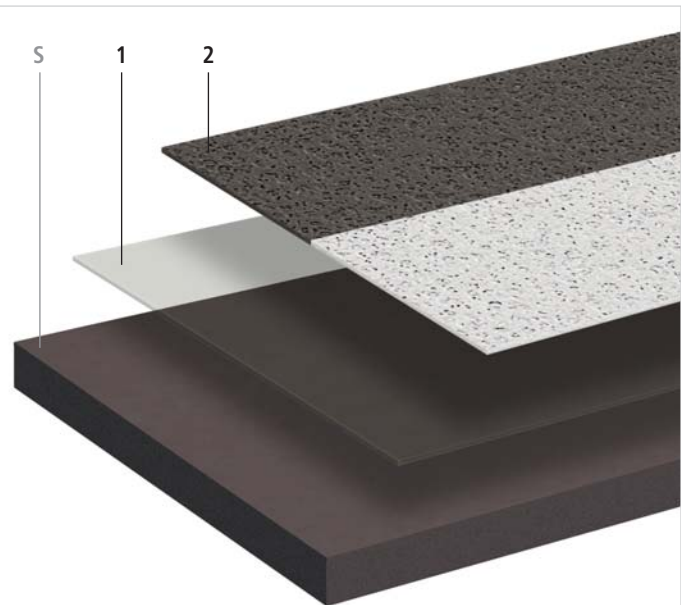
System Data Sheet

Heavy duty, anti-skid surfacing and marking system for traction strips, road crossings, stop zones, cycle lanes and walkways

Properties

- Available in a wide range of colours
- Textured Anti-skid
- Tough
- High abrasion resistance
- Compatible with a wide range of substrates
- Cold applied
- Exceptionally fast curing
- Chemical resistant
- UV resistant
- Anti-skid
- Solvent free
- Isocyanate free
- Tailored design options

System Build Up



- S Substrate
 1 Triflex Primer (if required)
 2 Triflex FMS

System Details

Triflex Primer - Primer for sealing of certain substrates and to improve adhesion.

Triflex FMS - Heavy duty surfacing and marking system.

Applications

The system is suitable as a surfacing and marking system for traction strips, road crossings, stop zones, cycle lanes and walkways.

Substrate Preparation and Priming

Substrate	Preparation Notes	Priming
		Triflex FMS
Triflex Materials	1	No primer required
Asphalt	1	No primer required
Hot Rolled Asphalt (HRA)	1	No primer required
Stone Mastic Asphalt (SMA)	1	No primer required
Concrete/Screed	2	Triflex Cryl Primer 276
Lightweight Concrete	2	Triflex Cryl Primer 276
Polymer modified concrete repair materials	2	Triflex Cryl Primer 276

For other substrates, consult Triflex (UK) Limited for required preparation methods and priming.

Notes: 1 = Clean thoroughly

2 = Scarify, grind or lightly bead blast. The equilibrium moisture content of cementitious substrates must not exceed 6% or 75% RH. Where moisture levels are in excess of 6% equilibrium moisture or 75% RH refer to Triflex Pox R103.

Where there are any doubts as to adhesion, carry out an adhesion test.

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Substrate Assessment

In all cases the condition and stability of the underlying substrate should be assessed prior to the commencement of work. See Substrate Testing section.

Substrate Preparation

Refer to substrate preparation and priming schedule.

Generally:

Remove existing markings, paint and finishes etc. by grinding.

Ensure that the prepared surface is clean, dry and free from dust, laitence, grease, oil and any other contaminants.

Priming

Refer to substrate preparation and priming schedule.

Triflex Cryl Primer 276:

Apply with a lambswool roller (0.4kg/m² min.)

Rainproof after approx. 30 minutes.

Can be walked upon/next coat applied after approx. 45 minutes.

Note: For new cementitious materials where it is not practical to allow the substrate to hydrate to below 6% equilibrium moisture content and 75% RH, or for existing cementitious substrates with higher levels of moisture, Triflex Pox R103 can be used where the equilibrium moisture content is less than 10%.

Triflex Pox R103:

Apply with a lambswool roller (0.5kg/m² min.)

Can be walked on after approx. 8 hours.

Next coat applied after approx. 18 hours.

Able to withstand stress after approx. 24 hours.

Marking Application

Apply Triflex Cryl M264 (4.0 kg/m² min.) by trowel, draw box, extruder or spray.

Can be walked upon after approx. 15 minutes.

Can be driven upon after approx. 20 minutes.

System Components

Please refer to the appropriate Product Data Sheet for details about areas of application/ application conditions/mixing instructions (available on request):

Triflex Cryl Primer 276

Triflex Pox R103

Triflex Cryl M264

Quality Standard

All products are manufactured to ISO 9001.

Substrate Testing

Prior to the commencement of work the Contractor must check and only proceed if he has satisfied the following requirements.

Hardness: All concrete substrates, concrete repair materials, screeds and mortars shall be cured and allowed to achieve a minimum hardness of 25N/mm².

Moisture: Prior to overlay with Triflex systems, the equilibrium moisture content of the substrate must not exceed 6% and 75% RH. For cementitious substrates with higher levels of moisture (less than 10% equilibrium) refer to Triflex Pox R103.

Adhesion: Trial areas to be prepared to ensure that the System achieves a minimum bond to the substrate of:

Concrete, concrete repair materials, screeds and mortars: 1.5N/mm²

All other substrates: 0.8N/mm²

Health and Safety

Refer to product Health and Safety data prior to using the materials.

Coverage Rates

The coverage rates given are guidelines based on smooth, level substrates.

Allowances must be made if the substrate is uneven, rough or porous.

Drying Times

The drying times stated are at +20°C and are dependent upon weather conditions.

Important Notes

It is the Contractors' responsibility to ensure that the substrate is suitable and that the system is applied in all areas in accordance with Technical Data Sheets and Application Guidelines in force at the time.

The advice we can provide on the application of our products is based on extensive development work as well as many years of experience and is given to the best of our knowledge. However, the wide variety of requirements for a building under the most diverse conditions mean that it is necessary for the Contractor to test the product for suitability in any given case. We reserve the right to make alterations in keeping with technical developments or improvements.