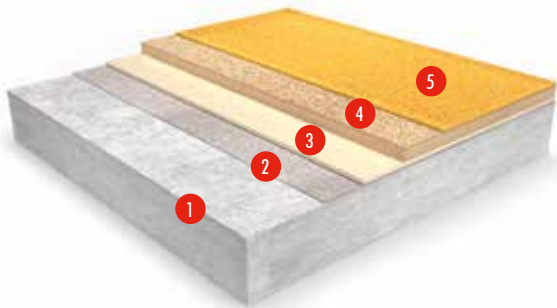


Deckshield Rapide ED1 (4 mm nominal)

A flexible, non-slip, rapid cure MMA top deck waterproofing system that offers excellent elastomeric crack bridging properties.



- 1 Prepared Substrate
- 2 Deckshield Rapide Standard Primer or Deckshield Rapide Damp Primer + scattered Natural Quartz
- 3 Deckshield Rapide Membrane
- 4 Deckshield Rapide Flexible binder with SNL or LDE Filler + scattered Natural Quartz
- 5 Deckshield Rapide Topcoat



UV Light & Weather Resistant:
Colourfast, non-fading finish that withstands extreme weather conditions.



Rapid Cure:
Full traffic and chemical cure achieved within 3 hours of application.



Excellent Crack Bridging:
Safeguards against the movement and cracking of new-build parking structures.



Slip Resistant:
Positively textured anti-slip surface minimises slip and skid risks.



EN1504-2

Tested to EN1504-2 test standards for the surface protection of concrete.

CRACK BRIDGING PROPERTIES	
EN 1062-7 Method A - C.2 @ -20°C	Class A4 > 1.25 mm
EN 1062-7 Method B - B.3.2 @ -20°C	No cracks
REACTION TO FIRE	
EN 13501-1	B _{fl} -s1
SLIP RESISTANCE	
EN 13036-4	Class III: >55 Wet Test
BOND STRENGTH	
Measurement of Bond Strength by Pull-off	
EN 1542	2.3 N/mm ²
WATER VAPOUR TRANSMISSION	
Diffusion-equivalent Air Layer Thickness (Sd)	
EN ISO 7783	Class III: Sd >50 m
LIQUID WATER PERMEABILITY	
EN 1062-3	0.0001 kg/m ² × h ^{0.5}
CARBON DIOXIDE PERMEABILITY	
Diffusion-equivalent Air Layer Thickness (Sd)	
EN 1062-6	>50 m
ADHESION AFTER THERMAL COMPATIBILITY	
With De-icing Salt Immersion & Thunder Shower Cycling	
EN 13687-1&2	2.1N/mm ²
ABRASION RESISTANCE (Taber)	
EN ISO 5470-1	Weight loss 794 mg
BEHAVIOUR AFTER ARTIFICIAL WEATHERING	
EN 1062-11 4.2 (2000 h)	No blistering, cracking or flaking
IMPACT RESISTANCE	
EN ISO 6272-1	Class III: 24.5 Nm
RESISTANCE TO SEVERE CHEMICAL ATTACK	
EN 13529 Group 1, 3 & 10	No defects & reduction in Shore Hardness >50%

SPEED OF CURE	
Walk on	1 hour
Full Traffic & Chemical Cure	2-3 hours

The figures above are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Model Specification

System	Deckshield Rapide ED1
Finish	Satin Matt
Thickness	4 mm (nominal)

Preparatory work and application in accordance with manufacturer's instructions.

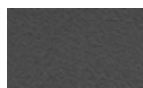
Products Included In This System

Primer	Deckshield Rapide Standard Primer or Deckshield Rapide Damp Primer @ 0.3 - 0.5 kg/m ² Scattered with Quartz 0.3 - 0.8 mm @ 0.3 kg/m ²
Membrane	Deckshield Rapide Membrane @ 1.2 kg/m ² (applied in one or two coats)
Wearing Layer	Deckshield Rapide Flexible Binder @ 0.8 kg/m ² + SNL or LDE filler @1.2 kg/m ² Scattered with Quartz 0.7-1.2 mm @2.5-3 kg/m ²
Topcoat:	Deckshield Rapide Topcoat @ 0.7 kg/m ² (applied in one or two coats)

Standard Colours



Mid Grey
(near RAL 7037)



Dark Grey
(near RAL 7043)



Grass Green
(near RAL 6010)



Tomato Red
(near RAL 3013)



Traffic Blue
(near RAL 5017)



Traffic Purple
(near RAL 4006)



Traffic Orange
(near RAL 2009)

The applied colours may differ from the examples shown.
For a full colour chart and samples, contact your local Tremco CPG office.

Substrate Requirements

Concrete or screed substrate should be a minimum compressive strength of 25 N/mm² (and 1.5 N/mm² tensile strength tested by pull-off adhesion test on site).

For the use of Deckshield Standard Primer, substrate should be surface dry to 92% RH per BS8203 or 5.5% on Tramex scale. For Deckshield Rapide Damp Primer up to 97% RH per BS8203 or 6% on Tramex scale and free

from laitence, dust and other contamination. The system is designed to cope with construction moisture but is not designed to resist hydrostatic water pressure.

In such circumstances external tanking or pressure relief, by e.g. directed drainage, must be provided to the structure.

NB: Technical proposals are written for each installation to meet the client's particular requirements, the final thickness will be dependant upon the specification.

Installation Service

The installation should be carried out by a Deckshield Rapide approved contractor with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our website www.flowcrete.eu.

Aftercare, Cleaning & Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent.

Environmental Considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs and maintenance. Environmental and health considerations are controlled during manufacture and application of the products by Tremco CPG staff and fully trained application teams.

Important Notes

Tremco CPG products are guaranteed against defective materials and manufacture and are sold subject to our standard 'Warranty, Terms and Conditions of Sale', copies of which can be obtained on request. Warranty does not cover suitability, fit for purpose or any consequential or related damages. Please review warranty in detail before installing the products.

Tremco CPG UK Ltd products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request. Any suggested practices or installation specifications for the composite floor or wall system (as opposed to individual product performance specifications) included in this communication (or any other) from Tremco CPG UK Ltd constitute potential options only and do not constitute nor replace professional advice in such regard. Tremco CPG UK Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.

System Datasheet written for Tremco CPG UK Ltd. Please consult Technical Team in your own country region for specific details. [02/01/24, 01 UK]