



SPECIFICATION FOR SCL55 CW FAST-TRACK

Scope of Works: Communal Walkways

GENERAL GUIDANCE

Before work commences ensure all health and safety data sheets are read and understood.

This specification is for the use of technically competent personnel and must be read in conjunction with the relevant product data sheets prior to surface preparation and application.

Inspect substrates to ensure suitability for coating. Check soundness/integrity of main deck structures, screeds, asphalt dressings etc.

Previously coated areas must be carefully checked to ensure integrity and adhesion to the substrate. Pay particular attention to any solar reflective coatings if present (remove if necessary).

Ensure that the proposed SCL55 CW Fast-Track system is fully compatible with existing surfaces.

Check balcony/walkway for visible structural defects which may adversely affect the integrity of the structure, and undertake any repairs before the SCL55 CW Fast-Track system is applied.

Inspect all balcony fittings, i.e. handrail fixing points, drainage outlet ports, ironwork, etc. Make good all defective parts or areas with suitable materials (renew if necessary) to a watertight condition prior to coating.

All surfaces to be treated must be sound, dry and completely free from all contaminants.

Inspect all old remedial repairs, patches, cracks, etc. and remove all unsound repairs and poorly bonded materials. Make good where necessary prior to coating.

Inspect all upstands, vents and any other protrusions. Make good or replace prior to coating.

Concrete should be sound and any repairs properly cured. Use of chemical admixtures in the concrete is not recommended. Any concrete curing membranes applied to the surface should be mechanically removed.

All material coverage rates stated are given for smooth, non-porous surfaces. Rough and/or porous surfaces may considerably increase the amount of material required.

Wet or saturated substrates should be allowed to thoroughly dry out before applying any coatings. A breathable weatherproofing system applied to properly prepared surfaces at the underside and exposed edges of the balcony decking after application of the SCL55 CW Fast-Track system will assist residual trapped moisture to gradually escape from the structure. This should help prevent freeze-thaw cycling which may otherwise cause eventual structural failure.

For communal balconies and walkways, thought should be given as how best to board these out to allow tenants ease of access to their residence at all times, yet simultaneously still allow the SCL55 CW Fast-Track system to be applied and properly cure before re-trafficking.

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When the balconies require boarding-out, it may not be possible to apply the SCL55 CW Fast-Track system at the edges at the same time when coating the main area. In this case it is advisable to allow coating treatments to overlap by approximately 25mm, but keeping the joint as flush as possible.

Once it has been determined where the SCL55 CW Fast-Track system is to be terminated, it is recommended that (where necessary) the edge is lined-out using masking tape, and a chase line of approximately 5mm x 5mm is cut and cleaned out before applying the system. These products should be applied to terminate the system within the chase. Butt-joints between gullies and decking can be treated similarly to "anchor" the system.

Terminations at stair-heads etc. should be given attention to prevent under-creep caused by "edge-kicking". It is recommended that a chase of approximately 5mm x 5mm is cut running parallel approximately 25mm short of the natural edge to allow coating materials to terminate within the chase. Alternatively the coatings should be continued over the edge and terminated approximately 25mm down the riser, followed if necessary by fixing of a right-angled nosing strip along the edge as soon as the final coat has hardened.

Any expansion/construction joints should be raked and cleaned out. The SCL55 CW Fast-Track system should be continued down the vertical surfaces of the joint without filling the gap. After the system has hardened, the gap should be filled with a suitable flexible jointing system.

On completion of all coating activity, dispose of all empty material cans, material contaminated tools, overalls and site waste in accordance with the relevant environmental regulations.

All work should be carried out in a safe and tidy manner. Completely clear site including scaffolding, etc.

Relevant Health & Safety/COSH regulations should be observed at all times.

SPECIAL NOTES FOR MIXING AND APPLICATION

It is vital that SCL55 CW Fast-Track products are mixed and applied in a careful and proper manner. The following procedure should be adopted to promote optimum performance:

Before adding activator, stir base to a mobile and even consistency, working material away from sides and bottom of container.

Add one complete unit of correct activator, then stir thoroughly and efficiently to achieve a completely uniform blend, ensuring that material on sides and bottom of container is fully incorporated into the mix.

To avoid risk of applying any localised unblended material decant into a clean, dry plastic container, stir well then discharge immediately to maintain workability.

Spread out at a controlled rate using appropriate application tools (e.g. brush, squeegee, trowel etc. depending on product or substrate detail).

Do not mix too many units of product at once, otherwise pot life may expire before materials can be applied.

Do not attempt 'part mixes'. Product components are supplied for total use in correct ratio. Any variance is likely to cause performance defects.

Do not allow any traces of water to enter product during mixing and/or application.

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INSPECTION AND PREPARATION

Inspect all surfaces to ensure soundness and compatibility with the SCL55 CW Fast-Track System.

All areas of moss or fungal growth should be scraped down then treated with SCL Fungicidal Wash. Neutralised residues should be removed by stiff brushing and debris removed.

Areas that are ponding or show evidence of back falls should be carefully checked, paying particular attention to any evidence or likelihood of water leakage through the deck/wall abutment, gullies, joints, etc. or any outlet blockages.

Potential leakage points at back falls, etc. should be thoroughly raked out, cleaned and filled.

Any loose, unsound brickwork or concrete must be broken out and repaired using a suitable repair mortar.

All concrete surfaces and repair areas to be treated should be mechanically abraded to remove all laitance and other contamination to provide a clean, dry and open surface.

Expansion joints should be filled with a suitable system in accordance with the manufacturer's instructions after the SCL55 CW Fast-Track system has been laid.

Damaged expansion joint nosing's and arris's should be broken back to sound concrete and made good with a suitable repair compound.

All large cracks and voids should be cleaned out and made good using a suitable repair compound. The client should be consulted and advice sought as how best to deal with structural cracks or voids.

Damp or saturated substrates should be allowed to dry out before any coatings are applied.

Degrease then mechanically abrade metal handrails etc. to remove loose paint, rust, etc. Rub down all sound residual coating surfaces to provide a mechanical key for repainting. Remove debris and treat with SCL Metal Primer.

PRIMING – Concrete Surfaces

Ensure surfaces are clean and dry then apply by one coat of SCL55 CW Fast-Track Primer by brush or roller at a coverage rate of 8m² per litre. Rough or porous surfaces will significantly reduce the coverage rate. Visually check that all porous surfaces, blow-holes etc are adequately sealed. Touch-in suspect areas where necessary.

Allow the primer to dry for at least one hour in good drying conditions at reasonable temperatures (allow longer in colder conditions). Overcoating must be carried out within 4 hours at reasonable temperatures. After this period it may be necessary to re-prepare the surfaces.

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MAIN SYSTEM

SCL55 CW Fast-Track (Communal Walkways, and Steps reasonably level surfaces)

To a clean, dry, primed surface apply one coat of SCL55 CW Fast-Track by brush or roller at a coverage rate of 1.5kg per m². (Coverage may vary depending upon surface profile and application technique).

While the product is still wet, evenly cast SCL Aggregate 30mesh onto the coated area at a **minimum** coverage rate of 1kg per m².

Allow to cure for at least 2hrs in reasonable temperatures before sealing.

SCL55 CW Fast-Track Sealer

Ensure previous coat is dry then apply one coat of SCL55 CW Fast-Track Sealer by brush or roller at a coverage rate of 4m² per ltr.

Surface may be walked on after 1-2 hours (longer in cold conditions).

NOTE: Deep tracks and ruts caused by excessive traffic wear may need to be built up to the main surface height by localised application of SCL55 CW Fast-Track which should be allowed to become firm before the main system is applied.

MAIN SYSTEM – Upstands, Plinths and Gutters

To clean, dry, primed surfaces apply one coat of SCL90 High Build by brush or roller at a coverage rate of 1m² per litre, making allowances for rough or uneven surfaces. Allow to dry overnight before over-coating.

Apply one overall coat of SCL55 PB by brush or roller at a maximum coverage rate of 2m² per litre.

NOTE:

Drying/curing times will be shortened at higher temperatures and lengthened at lower temperatures

Coverage rates of all materials will vary according to weather conditions, dimensions and nature/condition of substrates. Make appropriate allowances where applicable

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