



THL International Ltd

Laragh House

Laragh

Castleblayney

Co Monaghan

Tel: 042-9745031

01-6785040;

email: sales@thlint.com

www.thlint.com

Suregrip™ floor finishes - Frequently asked questions

What is Suregrip™ ?

Suregrip™ is a range of floor finishes for commercial and industrial applications. It is fast curing, seamless and available in 3 different grades of slip resistance. **Suregrip™** is primarily intended for use in areas where high levels of hygiene are required.

Suregrip™ is formulated and trade marked in Ireland .

How long does an application of Suregrip™ take ?

2 to 4 days depending on size and specification.

Areas smaller than 15m² can be completed in less than 24 hours.

It is preferable that the entire area is available to allow a single seamless application.

Is there an odour during application ?

Suregrip™ products are solvent free but as with all paints there can be an odour during the application this particularly so because the areas can be very large. Products that can taint should be removed from the area..

What is the life expectancy of a Suregrip™ seamless floor finish? :

In excess of 10 years. (Provided a suitable finish is used ie for heavy duty use **Suregrip™ HD**)

12 month Guarantee against loss of adhesion where application is onto uncontaminated shot-blasted concrete. Please refer to standard terms of sale for flooring contracts.

When should other trades be scheduled ?

Suregrip™ should be applied without installed machinery or other trades working in area.

Building must be totally weatherproof (no water leaks from rain ware or windows).

Electrics : Lighting must be working. (Overhead bright lights without shadows)
3Phase power supplied by 32 amp .5 pin socket. (40kva generator is sufficient)

Plumbing : A water supply is not required .

Lay **Suregrip™** before installation of sanitary ware.

Heating should be working. (to prevent condensation).

Internal Walls

Where the integrated coving is required internal walls should be fully completed including door frames and corner flashings prior to laying of **Suregrip™** seamless floor finish. Actual doors should not be installed until after **Suregrip™** finish is laid.

What type of substrate is Suregrip™ laid onto?

Suregrip™ can be laid on most clean solid floors such as concrete, wood and steel.

New concrete should be power floated and 21 days old with a moisture content > 6%.

Pull off strength of surface should be greater than 1.5N/mm² after surface preparation.

Where areas of infill concrete (ie @ drains etc) are less than 10 days old they should be 5-10 mm below surrounding surface to allow for resin repair mortar prior to laying **Suregrip™** .

Old concrete should be clean, dry and free from oil or chemical contamination.



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How is the substrate prepared ?

Dust free shot blasting is the best surface preparation of open areas.

Heavy deposits can be removed by scarifying or diamond grinding .

Power hosing or wet cleaning can be used to clean surface but is not suitable to prepare surface

Surfaces must be fully dry before application.

When should machinery /equipment be installed ?

Install equipment after **Suregrip™** seamless floor is finished.

Full surface preparation and a true seamless finish is not achievable unless area is clear.

What size skip should be provided for waste.?

Normally a small skip is sufficient for waste on most projects. (3 – 4 m³)

Waste is mainly dust from cleaning and plastic packaging.

Cured resin is inert.

Should **Suregrip™** floors be protected ?

Yes. Protect from site traffic until building is commissioned.

If using hardboard ensure no grit is trapped between board and floor and board remains dry.

(Damp hardboard will leave an stain the surface)

Keep water off floor until full cure is achieved. There is a colour fading effect on the surface if the

Suregrip™ floor gets wet including from condensation. Best avoided by good ventilation and heat.

What temperature is required for laying **Suregrip™**?

Suregrip™ floors should not be laid at temperatures below 8°C.

Over 15°C is OK. 21°C is ideal.

Condensation must be avoided or adhesion problems can occur.

When can I use the floor ?

Depends on temperature. Normally at 20°C the day after application light traffic is OK.

Avoid washing floor for at least 48 hours.

What colours are available ?

Basic background colours are grey, red, green, blue and beige with a speckled finish.

Suregrip™ is applied on site using natural materials so exact colour matching cannot be guaranteed

Any special details at ovens doors or where there is severe impacts ?

SS plates should be embedded into the **Suregrip™** floor system to improve durability in areas subject to impacts or high temperatures. Plates (4' x 4') maximum size should be on site prior to laying floor so that they can be fixed in the floor resin. Counter sunk holes with fixings should be left in plates for bolting to ground (supplied by others fixed in place by THL).



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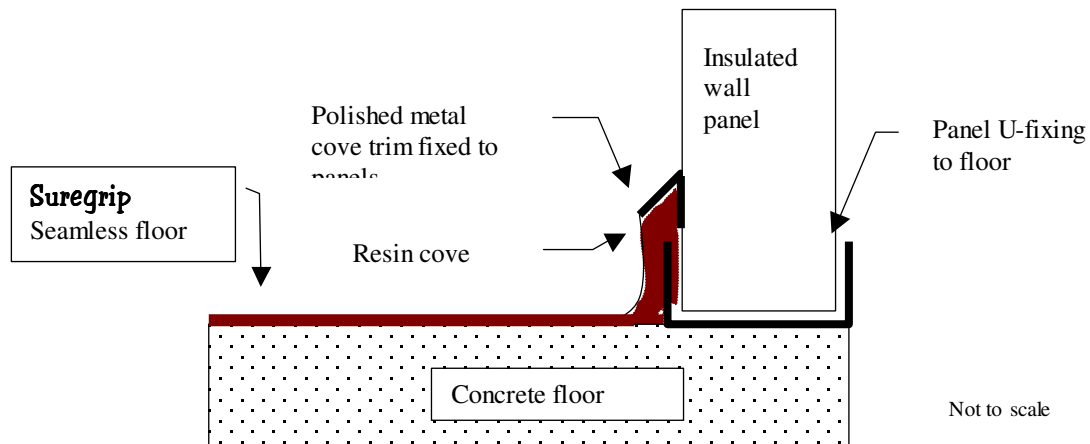
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What is the coving detail to Insulated wall panels?



Coving trim (polished metal) is fixed to Panel above U -Channel . (50/60 mm from ground). Normally supplied by flooring contractor. Resin cove is (40mm radius) with epoxy mortar.

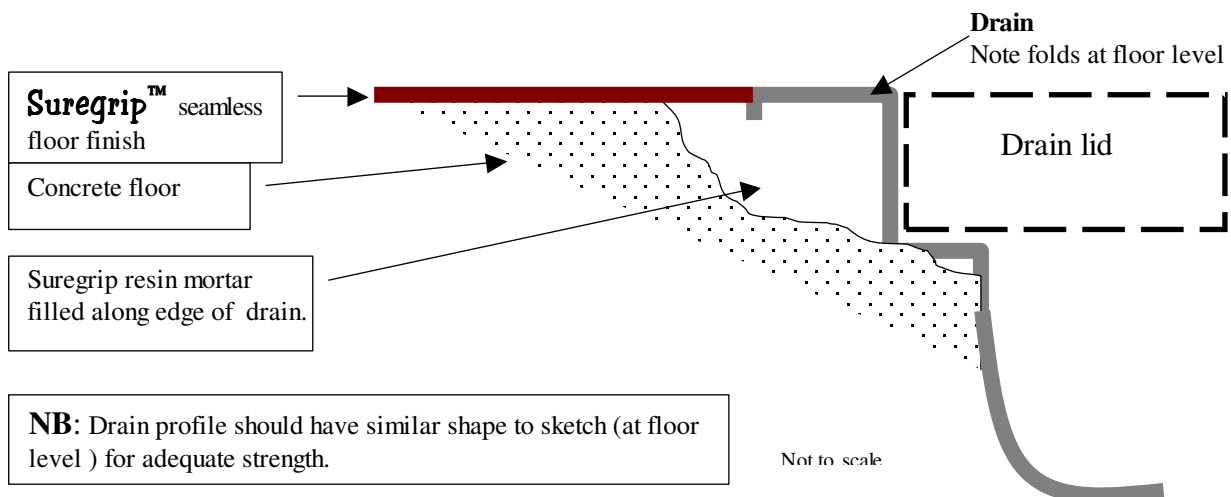
What is the detail at drains ?

Where falls are required they must be correct prior to laying **Suregrip™** seamless floor finish.

Drains to be left flush with concrete floor.

Suregrip™ should be rebated around drains edge. (Normally created at application stage)

Drains should be of heavy gauge stainless steel and folded for stability at floor surface.



NB: Drain profile should have similar shape to sketch (at floor level) for adequate strength.

This FAQ list can only cover a selection of the more common questions. It does not cover every eventuality. Please contact us directly for queries related to a specific project or application.