

Plastipur® (USA)

SLR Coating system smooth gloss or satin finish.
Or to be used as surface finish

Product description Plastipur® SLR is a specially formulated solvent-free, high build coating system with unique qualities. The product is formulated using the same basic technology employed within the Plastipur® HT range. Plastipur® SLR provides excellent adhesion characteristics, very high levels of abrasion resistance, excellent all round chemical resistance and is thermal shock tolerant. Plastipur® SLR can be used as a surface finish over Plastipur® HT screeds to improve ease of clean.

Key facts:

- Durable and hard wearing
- Satin or gloss appearance
- Solvent free
- Easy to clean
- Fast curing and quick to apply
- Scratch resistant
- Excellent adhesion characteristics
- Excellent all-round chemical resistance
- Thermal shock resistance
- Smooth or slip resistant variants

Performance data:

Temperature Resistance: Constant 32 °F to 176 °F.
Occasional spillages of up to 212 °F

Flash Steam Cleanable: Yes

Water Permeability: Zero

All figures are measured and expressed under laboratory conditions: Actual performance may vary from the above values depending upon site conditions.

Physical properties:

Primer(s): Self priming

System: 1 or 2 coats applied by brush or roller

System Details:

Finish: Pigmented, smooth. Optional satin or gloss

Thickness: 1 coat = approx 175 microns
2 coats = approx 325 microns

Colours: Red, buff, cream, terracotta, green, grey

Chemical Resistance:

Resistant to a wide range of chemicals including sugars, oils, alkalis, most acids and some solvents. For full details consult the Plasti-Chemie technical Dept.

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Curing Time:

A completed resin floor can go into service after the following minimum cure period at 64 °F and above:

Light Traffic:	12 hours
Heavy Traffic:	48 hours

Shelf Life and Storage:

The product should be kept in its original unopened container until use. The product should be stored in weather tight conditions at temperatures between 50 °F and 78 °F, avoiding direct sunlight. Under these conditions this product has a shelf life of up to 6 months.

Other Products:

The following products from the John Lord Group are recommended for use in conjunction with **Plastipur®** SLR:

Plastipur® WR resin render screed
Plastipur® HT range

Application:

Food Preparation
Chemical Production
Brewing and Beverage
Engineering
Aerospace
Warehousing

Ensure that all surfaces are clean, dry, and free of oil/grease and other surface contaminations. Remove all oil/grease and contaminants by hot water/strong detergent pressure washing and rinse with clean water.

Application Temperature:

Correct temperature is critical to the successful application of **Plastipur®** SLR and air temperatures should be maintained between 53 °F and 78 °F during the application and curing period of this product. We also strongly recommend that the application area is heated to temperatures of between 53 °F and 78 °F for up to 24 hours prior to application to allow the ambient and substrate temperatures to regulate before the application commences. Materials should also be kept in a warm area of 78 °F minimum temperature for 12 hours prior to application. De-humidifiers must be used where high humidity conditions prevail. Ensure adequate ventilation during application.

System Application:

Apply by medium nap roller.

First coat: 200 ft²/gal, approx 0.13mm

Second coat: 220 ft²/gal approx 0.12mm

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If a slip resistant finish is required, a slip resistant grit can be lightly broadcast into the surface of the first coat and immediately back rolled to encapsulate. The second coat can be applied as normal.

Joints:

All known expansion joints should be followed through the resin floor finish using a PU Jointing Mastic. If concrete movement or cracking takes place after application then reflective cracking of the topping may occur.

In-Service Maintenance:

Good housekeeping and regular cleaning can considerably extend the service life of a resin screed floor and will enhance the floor's appearance and reduce soiling tendencies. Suitable cleaning methods for this product include: Rotary scrubbing machine or hot water washing (up to 176°F) with suitable detergent products. Flash steam clean is suitable on an occasional basis.

Data concerning our products and devices as well as concerning our data and procedures are based on an extensive research work and an application technology experience. We obtain these results, with which we do not take over adhesion going beyond the respective single contract, in word and writing after best knowledge, reserve ourselves we however technical changes in the course of the product development. That does not relieve the user however to examine our data and recommendations before their use responsible for the own use. That applies also regarding the keeping of patent rights third as well as for applications and procedures, which are not expressly in writing indicated by us.