

Floor coating, modified synthetic rubber based

Uses

Specifically formulated to provide quick drying, hard wearing, trafficable surfaces for floors of workshops, storerooms, undercover parking areas etc. Due to its quick drying, floors treated with Durafloor SR can be back in service after only 4 - 6 hours drying, although full cure will take approximately 5 - 7 days.

Advantages

- Excellent resistance to dilute acids and alkalis
- Non-toxic
- Excellent adhesion to a variety of substrates
- Smooth satin finish

Description

Durafloor SR is a modified, synthetic rubber based coating, containing anti-corrosive pigments and inhibitors, that dries to a tough, resilient, trafficable satin finish. It has excellent adhesion to concrete, galvanised steel and primed steelwork.

Technical Support

Parchem offers a comprehensive range of high performance, high quality products suitable for use in the protection and repair of steelwork and concrete. In addition, the company offers a technical support package to specifiers, end users and contractors, as well as on-site assistance.

Design Criteria

Durafloor SR is designed to be applied in a minimum of two coats over a selected primer to achieve a total dry film thickness of not less than 80 microns. To achieve the correct protective properties Durafloor SR must be applied on to the substrate at the coverage rates recommended.

Properties

Colour:	Grey
Finish:	Satin
Volume solids:	46%
Drying times:	(25°C, 50% RH)
- Dust free:	30 minutes
- Re-coat:	1 hour
- Full cure:	7 days

Line-marking paint adhesion to coating:

Dulux Roadmaster A1	Excellent
Dulux Roadmaster A2	Excellent

Application Instructions

Preparation

Concrete surfaces

All surfaces must be dry, smooth, sound and free from debris and loose material. Surfaces must be free from contamination such as oil, grease, dust, loose particles and organic growth. Concrete surfaces must be fully cured, laitance-free and free from any traces of shuttering release oils and curing compounds.

Steel surfaces

All surfaces should be grit blasted and work should be programmed so that newly cleaned steel is primed before the formation of rust or scale. Steel surfaces should be primed with Emer-Gard Primer Type 2.

Galvanised steel and aluminium surfaces

All non-ferrous metal surfaces should be thoroughly cleaned with Emer-Clean prior to the application of Durafloor SR.

Durafloor SR can be applied directly to non-ferrous metal surfaces after cleaning. Adhesion tests must be carried out to confirm adequate bond to the substrate.

Application

Number of coats	2
Application rate per coat:	6 m ² / litre
Wet film thickness per coat:	87 microns
Dry film thickness:	40 microns

Durafloor SR may be applied by brush, roller or spray. For spray application up to 10% reduction with Solvent 10 may be necessary. The product will be touch dry in approximately 30 minutes and may be overcoated after 1 hour drying under normal conditions. This can be assessed at the time of application and is influenced by ambient temperature and type of surface treated. For areas of heavy traffic e.g. car parking decks we recommend that three coats be applied, for normal foot traffic, two coats should be sufficient. When necessary Durafloor SR may be readily re-coated by simply cleaning surfaces and then applying additional coat or coats of Durafloor SR.

Cleaning

Durafloor SR and Emer-Gard Primer Type 2 should be removed from tools and equipment with Solvent 10 immediately after use.

Durafloor® SR

Limitations

Durafloor SR is formulated for application to clean, sound concrete and metal. It should not be applied over existing coatings. Application should not be undertaken if the temperature is below 7°C or is 7°C and falling, nor when the prevailing relative humidity (RH) exceeds 90%.

Durafloor SR is not colour stable when exposed to direct sunlight.

Durafloor SR is also not recommended for use where it is subject to specific solvents, e.g. aromatic solvents. For further information, please contact your local Parchem sales office.

Supply

Durafloor SR P/Code: 561310 - 4 litres
561311 - 20 litres

Clean up: Solvent 10

Thinners: Solvent 10

Coverage

Per coat: 6 m² / litre

Shelf Life

All products have a shelf life of 12 months if kept in a dry store in the original, unopened pails. Any skin formed on the surface of material must be removed.

Storage Conditions

Containers shall be upright and airtight in a dry place. Maintain air temperature of 5°C and 35°C. Do not store or use near excessive heat or open flame.

Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Parchem website or upon request from the nearest Parchem sales office. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

