

TERRATUFF (cont'd)

- Sewerage Treatment plants
- Food processing plants
- Vehicle workshops
- Plating plants
- Asphalt and concrete plants
- Construction and mining industry
- Warehouses
- Ablution areas
- Residential garages and workshops
- Chemical and oil industry
- Abattoirs
- Storage tank linings
- Silos
- Slip resistant floor finishes

NOT
RECOMMENDED:

- Application below 5°C.
- Application to incorrectly prepared surfaces.
- Application to green concrete (allow 28 days cure).
- Application to unsound substrates.

CHEMICAL
RESISTANCE::

Resistance to chemical spillage (cured 7 days at 25°C)

- Ammonia solution (20%)
- Sulphuric Acid (30%)
- Hot water
- Aviation fuels
- Petrol
- Tannic acid
- Food emulsions
- Lubricating oil
- Caustic soda (30%)
- Kerosene
- Lactic acid (5%)
- Sodium chloride (50%)
- Fuel oil
- Hydrochloric acid (20%)
- Acetic acid (5%)
- Toluene
- Nitric acid
- Iodine and chlorine based sanitisers
- Phosphoric acid

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Note:

The table represents a guide only. Variables which may under extreme conditions, influence the chemical or corrosion resistance are:

1. Temperature of chemical concentration.
2. Intermittent or continuous contact.
3. Application in adverse conditions.
4. Risks of evaporation from spillage causing concentration to rise adversely.

SAFETY

PRECAUTIONS:

(During application)

- Contents are flammable.
- Avoid skin contact.
- Provide adequate ventilation.
- Store away from children.
- Avoid breathing vapour or fumes.
- Wear safety equipment including clothing and breathing apparatus.
- Refer materials safety data sheet.

SURFACE

PREPARATION:

Prepare concrete by acid etching, shot blasting or grinding. Remove all concrete curing agents, contaminants and any other material likely to affect the adhesion of the Terratuff.

Do not apply over existing coating without checking compatibility (compatible with most 2 component coating systems).

PRIMING:

Terratuff is self priming.

APPLICATION

METHOD:

Terratuff should not be thinned. Apply two coats by brush or roller. Both conventional and airless application may be utilised although care must be taken in cleaning equipment and avoid “setting” of Terratuff in equipment if left to stand. A third coat may be necessary on porous surfaces.

MIX RATIOS:

3 parts by volume Resin Part A
1 part by volume Hardener Part B

TERRATUFF (cont'd)**SLIP RESISTANT FINISHES:**

Slip resistant finishes can be achieved using:

	<u>Approx Application Weight</u>
Revtred (glass beads)	50m ² / 550gm pack (Sprinkle)
Microcells (ceramic sphere)	100gms/ 4 litres (add to wet mix)
J61 Sand (fine sand)	2 kgs/m ² . (Post sprinkle)

Typical co-efficient of friction "wet" NZS/AS3661.1:1993:

Revtred	0.54
Microcells	0.56
J61 Sand	0.63

Note:

- Additive is applied to the second to last coat.
- If a **non-slip system** is to be used, a better finish is obtained if a three coat finish is used. The non-slip additive is added in the second coat.

MIXING METHODS:

Add complete contents of Terratuff Resin (Part A) and Terratuff Hardener (Part B) to a suitable container. Power mix at low speed (approximately 300rpm) for 2 minutes ensuring both compounds are homogeneously blended and the colour is uniform.

Allow mixed material to stand for 5 minutes prior to use.

OVERGLAZE (CLEAR) (OPTIONAL):

Overglaze can be advantageous where chemical staining may occur. Overglaze with one coat of Nuplex Revathane non-yellowing polyurethane (refer technical data).

SPREADING RATES:
(Theoretical)

9m²/litre/coat or 36m²/4 litre pack/coat, approximately.

Two coat systems are adequate on good, dense concrete. Three coats are recommended if the concrete is less dense, or if a smoother finish is required or if a quality non-slip system (see above) is used.

FILM BUILD:
(Theoretical)

Minimum 125 microns.

CLEAN UP:

Nuplex Terratuff Cleaners

PACKAGING:

- ◆ 4 Litre kit (3 litres Part A, 1 litre Part B)
- ◆ 16 Litre kit (12 lts part A, 4lts part B)
- ◆ Colours : Stocked in BS9095 light grey; all other colours made to order.