



## Product data sheet

# Triflex Than RG 560

### Use

Odourless, solvent free waterproofing Polyurethane resin used in the Triflex DeckDefence Flex car park waterproofing and surfacing system.

### Properties

- Cold liquid applied
- Odourless
- Solvent free
- Highly flexible
- Mechanically resistant
- Chemical resistant

### Components

Component	Product	Ratio
Hardener	Triflex Than RG 560 Hardener	1 part (5.00Kg)
Resin	Triflex Than RG 560 Resin	5 parts (25.00Kg)
Aggregate	Triflex Quartz 0.1 – 0.3mm	1.8 parts (9.00Kg)

### Packaging

Component	Pack size
Hardener	Drum: 5.00Kg
Resin	Drum: 25.00Kg
Aggregate	Bag: 25.00Kg

### Colour(s)

- 7032 Pebble grey

### Application conditions

Condition	Value
Ambient and substrate temperature	+10°C to +30°C
Relative atmospheric humidity	Up to 75%
Dew point	3°C above dew point

These conditions must be maintained for at least 16 hours after application. Below that a separating film of moisture may form on the surface.

### Substrate assessment / pretreatment / preparation

Ensure that the substrate is clean, dry and free from dust, laitance, grease, oil and any other contaminants and assess / pre-treat / prepare substrate in accordance with Bespoke Triflex Specification proposal.

### Pot life (at 20°C)

Approximately 25 minutes.

**Note:** Times will be increased at lower temperatures and reduced at higher temperatures.

### Consumption

Approx. 2.60Kg/m<sup>2</sup>.

Refer to Bespoke Triflex Specification proposal.

**Note:** Consumption based on smooth, even, non-absorbant substrate.



### Application method

Notched squeegee.

### Mixing

1. Measure the appropriate weight of 0.1-0.3mm quartz aggregate addition for the weight of resin;
2. Thoroughly mix the base resin;
3. Add the hardener to the resin and thoroughly mix using a slow speed mixer for a minimum 3 minutes;
4. Transfer to another drum / bucket and mix again for a further minimum 2 minutes using a slow speed mixer;
5. Add the quartz aggregate addition to the pre-mixed resin;
6. Thoroughly mix the resin and quartz aggregate using a slow speed mixer for a minimum 2 minutes until the mixture achieves a smooth, uniform consistency and colour;
7. Use the mixed material within the pot life.

**Note:** The temperature of the resin and hardeners should be between +15°C and +25°C during mixing.

Avoid stirring in air and creating bubbles.

Any additives or quartz must be weighed and added in accordance with the Bespoke Specification proposal while the mixer is running. Ensure that all additives and quartz are evenly distributed.

Where less than a full pack is required, after mixing the resin and hardener separately, the materials must be accurately weighed in order to ensure that the mixing ratio remains exactly as per the full pack.

### Curing time (at 20°C)

Condition	Time
Can be walked on	Approximately 18 hours to 24 hours
Can be recoated after	After approximately 18 hours to 24 hours
Can be recoated within	Approximately 48 hours
Mechanically resistant	Approximately 2 to 3 days
Chemically resistant	Approximately 7 days

**Note:** Times will be increased at lower temperatures and reduced at higher temperatures.

## Interruptions during works

If the surface is to be recoated between approximately 18 and 48 hours, ensure that the surface is clean and dry. After 48 hours the surface must be carefully abraded prior to overcoating. If the surface is aggregate filled ensure that the surface is clean, dry and free from dust, grease, oil and any other contaminants prior to overlay. Do not under any circumstances apply Triflex Cleaner.

## Tool cleaning

Clean tools with Triflex Cleaner.

## Storage / shelf life

Store unopened in a cool, dry, well ventilated place between +10°C and +25°C, out of direct sunlight and in the original container.

Shelf life if stored correctly: minimum 6 months.

## Health and safety

Refer to Safety Data Sheets.

## Disposal information

Refer to Safety Data Sheets for recommended EWC waste codes.

## Notes

The advice we provide on the application of our products is based on extensive development work and many years of experience, and is given to the best of our knowledge. The wide variety of requirements for a building under the most diverse conditions mean that it is necessary for the contractor to test the product for suitability in each case. Triflex reserve the right to make alterations in keeping with technical developments or improvements.

Non-Triflex products must not be used with Triflex systems.

Only the most recent version of this data sheet is valid.