

Triflex Pox Finish 170



Use

Finish for Triflex internal and underground car park systems and internal floors not exposed to UV.

Properties

- Cold liquid applied
- Chemical resistant
- Mechanically resistant
- Solvent and isocyanate free
- Low odour
- Easy to use
- Tough and resilient

Components

Component	Product
Resin	Triflex Pox Finish 170 Resin
Hardener	Triflex Pox Finish 170 Hardener

Packaging

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

Colour(s)

- Refer to Triflex Pox Finish 170 Colour card - other colours available on request

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 24 hours after application. Deviation from these conditions may mean that a separating film of moisture forms 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.

Resin mixing

1. Thoroughly mix the base resin;
2. Add the hardener to the resin and thoroughly mix using a slow speed mixer for a minimum 3 minutes;
3. Transfer to another drum / bucket and mix again for a further minimum 2 minutes using a slow speed mixer.

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.



Mixing

The mixing ratio corresponds to the pack size:
100 parts by weight resin : 20 parts by weight hardener

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.

Application method

Roller or squeegee followed by roller.

Pot life (at 20°C)

Approximately 30 minutes.

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

Consumption

Refer to Bespoke Triflex Specification proposal.

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

Curing time (at 20°C)

Condition	Time
Can be walked on	Approximately 14 hours to 18 hours
Can over-coated after	Approximately 14 to 18 hours
Can over-coated up to	Approximately 48 hours
Mechanically resistant	Approximately 2 to 3 days
Chemically resistant	Approximately 7 days

Times will be increased at lower temperatures and reduced at higher temperatures.

Note: After application the product must be protected from direct contact with water or moisture for at least 7 days at 20°C.

Interruptions during works

If the surface is to be recoated between approximately 14 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.

Resistance to chemicals

The finish has good resistance to fuels and lubricants commonly used in the car park sector. Epoxy resins are generally not colour stable when exposed to UV and weather influences, i.e. shading and light texturing may occur on the surface. This is unavoidable when using this system and does not compromise its properties.

Tool cleaning

Clean tools with Triflex Cleaner.

Storage / shelf life

Store unopened in a cool, dry, well ventilated place between +10°C and +20°C, out of direct sunlight and in the original container.

Shelf life if stored correctly: minimum 12 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.



Colour card

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Notes: There may be slight variations in shade between actual colours and those shown below.
RAL colours are approximate.

RAL Greys

						
7030 Stone grey Quartz 03	7032 Pebble grey	7037 Dusty grey Slate 02	7040 Window grey Slate 01	7042 Traffic grey A Slate 02	7043 Traffic grey Slate 02	9010 Pure white Sand 01

RAL Traffic

							
1023 Traffic yellow	2002 Blood orange	2009 Traffic orange	3020 Traffic red	4002 Red violet	4006 Traffic purple	5017 Traffic blue	6024 Traffic green