

QUATTRO

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Q/TECT



DESCRIPTION

Q/Tect is a solvent free high build epoxy floor coating for concrete, grano or asphalt. It has excellent abrasion and chemical resistance and provides a heavy duty coating for floors which will withstand many years of general trolley or foot traffic, fork lift areas depending on useage will have a greatly reduced lifespan. The high build characteristics of Q/Tect permit the application of coatings in excess of 0.25mm per coat.

Two coats of Q/Tect provide a build equivalent to almost 10 coats of conventional solvent containing coatings. On rough and uneven concrete Q/Tect can give a smooth and easily cleanable surface.

APPEARANCE

Q/Tect provides a smooth gloss surface finish in a range of colours or clear.

DURABILITY

Excellent long-term wear resistance can be expected from a two coat application.

THICKNESS

0.4mm to 1mm depending on application rate and number of coats.

TYPICAL INSTALLATIONS

Q/Tect in areas requiring good wear and chemical resistance combined with economical cost. It is suitable for chemical plant storage areas, warehousing, toilets, food preparation areas etc.

SUBSTRATES

Q/Tect adheres well to concrete, grano, metals and asphalts.

Standard Colour Chart



Note: The colours represented here act as a guide only. If colour or final aesthetics are of prime concern, please contact us and request an actual sample.

Q/TECT TECHNICAL DATA

SURFACE PREPARATION

To be assured of maximum adhesion and properties from Quattro resin products, the correct surface preparation is essential.

APPLICATION CONDITIONS

Q/Tect is a fairly thick resin and although it will apply and cure at low temperatures, an ambient in excess of 10°C is preferable.

PRIMING

Q/Tect does not normally require a primer. When treating extremely weak or porous concrete it is advisable to prime with Q/Prime S.F.

MIXING

Add full contents of hardener container to full contents of resin container and mix with a slow speed stirrer for at least 2 minutes.

APPLICATION TECHNIQUE

Apply by medium nap roller directly from a paint tray. Push the resin well into the surface making sure the floor is fully wetted and then pull back lightly with the roller to the required thickness. Use coverage rates as a guide to thickness.

COVERAGE (NOMINAL 0.5mm)

1st coat -approx. 375g/m²

2nd coat -approx. 250g/m²

COVERAGE (NOMINAL 1mm)

1st coat -approx. 375g/m²

2nd coat -approx. 875g/m²

SPECIFICATION DETAIL

Two coats Q/Tect at a nominal 0.4-1mm depending on requirement.

MAINTENANCE

Q/Tect treated floors can be readily cleaned using a proprietary cleaning solution.

CURE SCHEDULE

Pot life @ 20°C -30-45 minutes

Dry film time @ 20°C -8-10 hours

Intercoat period -8-24 hours

Foot traffic -16-24 hours

Full cure -7 days

CHEMICAL RESISTANCE

Good resistance to a wide range of chemicals.

ANTI-SLIP

To produce an anti-slip profile sprinkle or fully cast into the first coat whilst wet, the aggregate of your choice. When cured usually overnight (depending on temperature) sweep off the Unadhered aggregate and apply a further coat thus encapsulating the aggregate.

Coverage rates will vary depending on the size & the amount of aggregate used.

TECHNICAL DATA

Compressive strength -40N/mm²

Flexural strength -28N/mm²

Lap shear bond strength -15N/mm²

Elastic modulus -3.9kN/mm²

Ease of decontamination to BS 4247 : part 1 test A "Good"

Abrasion Resistance < 0.02mm

(C&C Abrasion test as per BS 8204)

Impact Resistance < 0.5mm (BRE Screed test)

HEALTH AND SAFETY

Please read specific health and safety data for this product provided in compliance with the requirements of EC Directive 91/155.

STORAGE, MIXING & APPLICATION

The storage, mixing and application conditions can affect the quality of the finish produced. Please read technical data sheet.

TECHNICAL ADVICE

For further information on this or any other Quattro product, please contact our Customer Care Department on 01768 868004.