

## Q/TECT PLUS



### DESCRIPTION

Q/TECT PLUS 2 contains a very fine aggregate suspended within the resin, resulting in a light profiled finish on the final coat. It is important that the final coat is not applied too heavily or this will envelope the textured profile.

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.

As Q/TECT is very easy to clean it is suitable for:-

- ◆ FOOD FACTORIES
- ◆ TOILET & SHOWER BLOCKS
- ◆ FOOD PREPARATION AREAS
- ◆ MINERAL PLANTS
- ◆ ACID, ALKALI OR SOLVENT ATTACK
- ◆ BREWERIES
- ◆ FLOORS SUBJECT TO THERMAL SHOCK
- ◆ LAB FLOORS
- ◆ CONTAMINATED FLOORS

### 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.

### SUBSTRATES

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

# Q/TECT PLUS 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/m<sup>2</sup>  
2nd coat -approx. 250g/m<sup>2</sup>

## **COVERAGE (NOMINAL 1mm)**

1st coat -approx. 375g/m<sup>2</sup>  
2nd coat -approx. 875g/m<sup>2</sup>

## **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/mm<sup>2</sup>  
Flexural strength -28N/mm<sup>2</sup>  
Lap shear bond strength -15N/mm<sup>2</sup>  
Elastic modulus -3.9kN/mm<sup>2</sup>  
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.