

HEAVY DUTY HIGH BUILD STEAM CLEANABLE POLYURETHANE FLOOR COATING WITH ANTI SKID OPTIONS

Q/DECK is a flexible, hard wearing membrane with good abrasion resistance and general all round resistance to light chemical attack. Q/deck is steam cleanable and resistant to hot water.

Advantages

- Impervious and non dusting.
- High Flexibility.
- Waterproof.
- Fully resistant to hot water and steam cleaning.
- Anti – skid, incorporating coarse or fine grade aggregates.
- Weatherproof.
- N.B. Q/DECK is not light resistant. Some colour reduction may occur in outside environments.

Shore hardness D to DIN 53505	75
Compressive strength to DIN 53454	Approx. 37 N/sq. mm
Flexural strength to DIN 53452	Approx. 38 N/sq. mm
Tensile strength to DIN 53455	Approx. 18 N/sq. mm
Elongation at break to DIN 53455	Approx. 20 %
Resistant to hot water and steam cleaning	upto 150°C
Tack free time	5 – 8 hours
Hard cure time	1 – 2 days

Chemical Resistance

Q/DECK has good general chemical resistance to both acids and alkalis. Q/DECK has been tested against the following chemicals and to be resistant over 14 days continuous immersion to the following : Caustic Soda, Sulphuric Acid– 10%, Lactic Acid – 5%, Ethanol, Petrol, Skydrol and Fuel Oil.

Q/DECK surfaces should be cleaned at least once a week where there is regular contact with aggressive chemicals. The product is not suitable where strong solvents such as Xylene are used. Q/DECK can be over coated with Q/TYLE if very high chemical resistance is required. Please consult Q/TYLE Data Sheet.

Application

1. The coating should always be applied to a clean, dry surface, free from oil, grease, dust, etc. Laitance on concrete, if present, should be removed preferably by shot blasting or other types of mechanical abrasion. Please consult Quattro regarding metal surfaces.
2. Q/DECK is a two – pack system. Separate base and hardener, components should be thoroughly mixed together before use, preferably by slow speed mechanical mixer. Apply by roller. Q/DECK is a solvent free system, so working life is short once mixed.
3. Q/DECK should be applied at between 2 – 5 sq.m. per litre per coat, depending on the required film thickness. Two coats of Q/DECK are normally applied. A coverage rate of 5 sq.m per litre produces a dry film thickness of 200 microns.

APPROX CURING AT 20 degrees C. TOUCH DRY 4 HOURS. FULL CURE 12 HOURS.

ANTI – SLIP

PLUS 2Plastorit aggregate can be added to form a light textured surface.

PLUS 3The overall thickness of Q/DECK system can be built up to 1.5 – 2mm, using a heavy scatter of coarse aggregate and applying Q/DECK at the maximum recommended dry film thickness. Aggregate is generally applied at between 50 – 250 grams per sq.m. A coverage rate of 800 – 1200 grams per sq.m will be required for film thickness of 1.5 – 2mm of the complete system.

N.B. Please consult Quattro for applying Q/DECK on Vehicle Decks where the substrate is wood, steel or aluminium.

SAFETY PRECAUTIONS - ADEQUATELY VENTILATED ROOM - AVOID CONTACT WITH SKIN

Q/DECK is designed for application in heavy duty, hard wearing areas, such as Bakeries , Car parks, Aircraft Hangars, Pig Pens, Plant Rooms, and generally Where a high – build, anti – skid surface is required. Q/DECK is also designed as a hard wearing, anti – slip finish for Vehicle Decks.

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