

# ULTRAFLEX CS & RC

## External Trafficable U.V. Stable Anti-Slip Coatings

Page ONE of two

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### **DESCRIPTION:**

"Ultraflex CS" (Ceramic Spheres) & "Ultraflex RC" (Rubber Crumb) is an acrylic/urethane high build, trafficable UV stable waterproof coating which is designed to cope with pedestrian foot traffic & is made from safe water based ingredients, is not toxic and has almost no odour. "Ultra Flex CS & RC" cures to form a very durable, elastomeric, seamless odourless membrane.

"Ultraflex RC" is supplied with rubber crumb mixed into it to improve sound proofing, insulation & is a rubberised, textured, finish. Ultraflex RC is more suitable for areas where young children play & a softer surface is desired. "Ultraflex CS" is supplied with ceramic spheres mixed into it, has a harder slight textured finish. More suitable for areas where higher amounts of wear are expected & anti slip is an important feature. Both products will help to protect & extend the life of the waterproofing membrane. The selected Ultraflex coat is applied between the "ULTRATUFF FC" & the "ULTRATUFF UV" coats. The product exhibits excellent durability, aging and weathering.

### **APPLICATIONS:**

"Ultraflex Trafficable" is designed as a highly UV resistant hard wearing intermediate top coat for "ULTRATUFF FC" (fast cure) system in exterior situations to help protect "ULTRATUFF FC" & is suitable for applications where a finished product is required to areas subject to light pedestrian traffic. These areas can include balconies, roofs, decks, gutters, walkways & any surface requiring an anti-slip, trafficable waterproofing membrane or when a more decorative finish is required.

### **PREPARATION:**

Substrates should be smooth, sound and free from oil and grease, waxes, dust, laitance and all loose matter. Any surface defects should be repaired prior to application of membrane. Old membranes & painted surfaces should be cleaned and lightly sanded to ensure that the priming system achieves a key. Rusted metal will need the rust treated before the application of a primer.

### **PRIMING:**

Not required when top coating "ULTRATUFF FC". Priming is recommended when over coating old ULTRATUFF membranes once cleaned will need to be primed with "Ultratuff Primer" water based primer.

### **SUBSTRATES:**

Suitable for concrete, masonry, compressed sheeting, plaster board, plywood, timber & metal surfaces.

### **APPLICATION:**

Stir well; apply by brush & goop loop textured or long nap roller to obtain the desired effect in a consistent even coat. The ULTRATUFF UV top coat should be applied at right angles to the previous coat when it is dry. Areas subject to high U.V. exposure or if a colour change is required an additional ULTRATUFF UV coat can be applied to further protect & extend the life of the product. Do not apply if temperature is below 10C or if rain is imminent. Complete application details are available upon request.

### **COVERAGE PER COAT:**

Top coating: .6 – .8 litres per square meter.

*(Variation may occur depending on the porosity of the substrate.)*

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**DRYING TIME:**

Average drying time is between 2 and 4 hours at 25 degrees C per normal coat and up to 24 hours if reinforced At 25 degrees C. "Ultra Flex Trafficable" achieves water resistance 10 to 12 hours after coating is dry.

**STORAGE:**

Can be stored for up to 12 months in sealed containers out of direct sunlight.

**CLEAN UP:**

Equipment and minor spills can be cleaned with water if still wet. Cured "Ultra Flex Trafficable" can be Cleaned with a Xylene.

**PACKAGING:**

Ultra Flex is available in 15 litre pails.

**Precautions:**

Ultraflex is a safe water based product however; avoid contact with the skin and eyes. If poisoning occurs contact a doctor or the poison information centre. Do not induce vomiting. Give water to drink. The use of gloves and eye protection is always recommended.

**Maintenance:**

"Ultraflex will normally require recoating at 8 to 10-year intervals if it is left exposed & areas subject to foot traffic may require recoating at 4 to 5 year intervals

**Technical Notes:**

WFT per coat:	600 to 800 microns.
DFT per coat:	400 to 500 microns.
Elongation:	300 - 350%
Shelf Life:	12 months in a cool dark environment.
Clean Up:	Water
Flash Point:	None
Application Temperature:	10 to 45 degrees C.
Viscosity:	4550 (cps)
Dilution:	Nil.
Volume Solids:	60%
Fungus Resistance:	Anti Bug and Fungal Additive
Tensile Strength:	13.36 newtons