

# ULTRA-FLEX™ 6800

## UV AND CHEMICAL RESISTANT 2 COMPONENT POLYURETHANE TOP COAT

ULTRA-FLEX™ 6800 is a high gloss, heat and chemical resistant two component polyurethane. ULTRA-FLEX 6800 is UV stable and will not dull or discolor in direct sun light. Highly abrasion resistant, ULTRA-FLEX 6800 adheres to wood, masonry, concrete and metal. It is flexible and will bond directly to a base membrane of ULTRA-FLEX ECO-5000, ULTRA-FLEX 5000 or ULTRA-FLEX 5000 FRA, even after a period exceeding 4 hours.

Ultra-flex 6800 meets most VOC requirements at less than 340 g/l when both components are mixed together.

An excellent Non-skid surface can be obtained using ULTRA-FLEX 6800 by imbedding an abrasive aggregate (i.e. aluminum oxide or sand) into a 7-10 mil base coat, sanding to refusal and then over coating with another 7-10 mil coat of Ultra-Flex 6800.

Urethane coated substrates such as roofs and decks should be cleaned, abraded and primed with ULTRA-FLEX AP (Adhesion Promoter) prior to the application of

PHYSICAL PROPERTIES	
Viscosity—Brookfield	< 2500 cps
Cure Time	3-4 hours
Weight per Gallon	8.1 lb
Tensile	>5700 psi
Shore D hardness	85
Elongation	42%
Appearance / Color	Beige or Gray gloss finish
Conditions to Avoid	Keep away from flame
Volatile Organic Content	≤ 340 g/l
Percent Solids	64%
Colors	Gray / Tan / Off White

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Before Ultra-Flex System



Ultra Flex Waterproofing System  
EP-990C Base, UFECO5000 Intermediate Coat,  
UF6800 Non Skid Traffic Coat

The above photos illustrates how ULTRA-FLEX™ 6800 can be used to provide a water proof traffic deck surface for pedestrian walkways

### APPLICATION INSTRUCTIONS

ULTRA-FLEX 6800 is a two component high gloss aliphatic polyurethane coating. The mix ratio is 3:1 with three parts A to one part B. ULTRA-FLEX 6800 comes in pre-proportioned configurations for one, four and twenty gallon kits. Drum quantities can be ordered by special request. ULTRA-FLEX 6800 may be spray applied using plural component equipment. By design, the pot life of ULTRA-FLEX 6800 is between 3-4 hours and as such can be hot potted or blended and sprayed using ordinary airless spray equipment and conventional spray tips. ULTRA-FLEX 6800 may also be applied using a brush or roller.

### SURFACE PREPARATION

ULTRA-FLEX 6800 can be used to protect concrete, steel, or aluminum, It is important to remove any previous scale, rust or spalling concrete that is loose, grease and oil, previous coatings and other material that might lead to bond failure. No sandblasting is required. However, if red rust is present, the surface should be brought to a "tight rust" condition and a primer of ULTRA-FLEX RCI should be applied. Where concrete is new, uncoated, porous or moist, it must first be primed with ULTRA-FLEX EP-990C, concrete penetrating epoxy.

### BLENDING

ULTRA-FLEX™ 6800 is applied by brush, roller or spray. ULTRA-FLEX™ 6800 should be applied at a rate of approximately 68 to 100 square feet per gallon per coat and is typically applied in two coats. Rougher surfaces, where the amount of the corrosion is significant and layered and can not be adequately brushed to remove extensive layers, will require a more liberal application and result in a reduced rate of coverage.

READ THE FULL APPLICATION SPECIFICATIONS AND MSDS BEFORE USING THIS PRODUCT