

Technical Data Sheet (TDS)

CCO-651

Polyurethane Top Coat for FULL flake/quartz ONLY

Special features

- ▣ UV resistant
- ▣ Hot tire resistant
- ▣ Chemical resistant



General Features

- ❑ Contains no water
- ❑ Contains no chlorinated solvents
- ❑ Contains no solvents
- ❑ Contains no VOC (calc. per CA Rule 1168)
- ❑ High solids content
- ❑ Ozone friendly
- ❑ Freeze/thaw stable

Installation Features

- ❑ Low odor
- ❑ High spread rate
- ❑ Higher temp and RH will shorten drying time
- ❑ Observe pot life during installation

Long Term Features

- ❑ Resistant against aging
- ❑ Suitable for radiant heat systems

Viscosity [cps]

- ❑ A:800-1300 B:450-700 Mix:1800

Abrasion Resistance (CS-17, 1000g, 1000cycles) [mg]

- ❑ 70

Coefficient of Friction

- ❑ 0.96 (with sand and flakes)

Dry Film Thickness [mil]

- ❑ 4

Bond Strength [psi]

- ❑ >300

Tensile Strength [psi] EN ISO 527

- ❑ 6,250

Elongation at Break [%]

- ❑ 3.1

Shore D Hardness (ISO 7619)

- ❑ >65

Approved Subfloors

- ❑ Concrete Slabs
- ❑ Ceramic Tiles
- ❑ Stone, Terrazzo
- ❑ Cured Leveling Compounds
- ❑ Radiant Heated Subfloors
- ❑ Drywall
- ❑ Plaster
- ❑ Stained Concretes (well bonded)

Approved Trowels and Spread Rate

- ❑ 3/8 in. Nap Roller: up to 300 SF/gal (5.3 mil) over rough surface
- ❑ 3/8 in. Nap Roller: up to 450 SF/gal (3.6 mil) over smooth surface

Drying Time

- ❑ Approx. 4 hours

Temperature Range during Installation

- ❑ 50-90F (10-32C)

Relative Humidity Range during Installation

- ❑ 30% - 80%

Packing Size

- ❑ 2-1/2 gal. Metal Combo Pail (A+B)
- ❑ 60 per pallet

Density [lbs./gal.]

- ❑ A:8.8 B:9.6 Mix:9.1

Color

- ❑ Clear

Color Hardener

- ❑ Clear

Mixing Ratio

- ❑ 1 Part A + 1.7 Parts B by volume
- ❑ 2 Part A + 3 Part B by weight

Pot Life

- ❑ Approx. 30 min. @ 70F (21C)

pH value of concrete

- ❑ Resistant up to 14

Shelf Life

- ❑ 24 Months in original, unopened container

Transportation

- ❑ UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxide resin), 9, III