

# Duracon 2K FG Clear Topcoat

## Areas of Use:

An interior/exterior clear top-coat for application over mineral, aggregate floor surfaces.

## Product:

A UV stable, two component aliphatic polyurethane overglaze.

## Compatibility:

Generally used as clear chemical resistant finish coats for mineral aggregate broadcast floor finishes.

## Duracon BC

## Packaging:

Available in 1 and 4 litre units, packed in metal containers.

## Physical Properties:

Liquid Materials:	mixed	Unit A	Unit B
Solids (% by weight):	57%	50%	69%
Specific Gravity:	1.06	1.07	1.05
Flashpoint:	>23°C	>23°C	32°C
Shelf Life		3yrs	2yrs

(In original sealed containers stored in cool, dry conditions)

## Applied Film

### Flexibility:

Passes 3mm mandrel at 75 micron. DFT (ASTM-D522/D522m/17) at 23°C on a galvanized steel substrate.

### Durability:

Excellent weatherability

### Abrasion Resistance:

Excellent

### Chemical Resistance:

Excellent resistance to pollutants, hydrocarbon, solvents, dilute alkalis and inorganic acids. Limited resistance to organic acids and oxygenated solvents.

### Fungus Resistance:

**Duracon 2K FG Clear Topcoat** presents an inert surface which deters growth of mould and fungus.

## Application Properties:

### Spreading Rate:

Generally 2.5 - 3.0 sqm/litre, as supplied but will depend on surface profile.

### Pot Life:

Use within 30 minutes of mixing

### Dry Time:

Do not apply **Duracon 2K FG** in temperatures less than 5°C or when the surface temperature is less than 3°C

Touch Dry 3 hours

Full Cure 5-7 days

Recoat Time 4-6 hours

## Thinning/Clean up

Use **Colourcure AP Thinners**: Clean equipment immediately after use

## Application Method:

**Duracon 2K FG Clear** can be applied by brush or roller. If required for ease of application, **Duracon 2K FG** may be diluted with up to 5% by volume of **Colourcure AP Thinners** prior to application.

**Brush:** Use a high quality, natural bristle brush.

**Roller:** Use lambs wool with nap depending upon surface profile of aggregate.

## Mixing Method:

Add Unit B to Unit A while mixing. Mix thoroughly for 3-5 minutes with drill and stirrer. Allow to stand or 10-15 minutes after mixing before applying.

## Health & Safety Precautions:

**Duracon 2K FG** is a solvent based polyurethane coating.

Precautions for handling solvent base materials must be observed including:

**Store** in cool conditions away from naked flames.

**No smoking** in area while handling or applying **Duracon 2K FG**.

**Use of good** quality barrier cream as minimum protection on exposed skin.

**Use of solvent cartridge respirator and Safety goggles** while handling material.

## Note:

That this material contains less than 0.2% free monomeric hexamethylene diisocyanate and presents a low isocyanate exposure health risk.

## Transport and Storage:

Both A & B components are classified UN 1263 Class 3. Correct transport and storage protocols must be observed.

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