

# DURACON/MATACRYL 2K FG CLEAR TOPCOAT

Clear chemical resistant finish coat

June 2024

## PURPOSE AND 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.

## PROCESS COMPATIBILITY:

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

## STANDARD PACK:

1 litre, 4 litre units available, packed in metal containers.

## PHYSICAL PROPERTIES:

Liquid Material	Mixed	Unit A	Unit B
Solids (% by weight)	57%	50%	69%
Specific Gravity	1.06	1.07	1.05
Flash Point (°C)	> 23	> 23	32
Shelf Life	-	3 years in original sealed cans when stored in cool dry conditions	2 years in original sealed cans when stored in cool dry conditions

## Applied Film

Flexibility	Passes 3mm mandrel at 75 micron. DFT (ASTM-D522/D522m/17) at 23°C on 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/Matacryl 2K FG Topcoat presents an inert surface which will not support the growth of mould or fungi.

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
Thinning / Clean up	Use Colourcure AP Thinners. Clean equipment immediately after use.

## APPLICATION PROPERTIES:

### Dry time:

Touch dry	3 hours
Full cure	5-7 days
Recoat time	4-6 hours

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

## THINNING / CLEANUP:

Use Colourcure AP Thinners: Clean equipment immediately after use

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## 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.

## APPLICATION METHOD:

Duracon/Matacryl 2K FG Clear can be applied by brush or roller. If required for ease of application, Duracon/Matacryl 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 lambswool with nap depending on surface profile of aggregate.

## HEALTH AND SAFETY:

Duracon/Matacryl 2K FG Topcoat 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/Matacryl 2K FG Topcoat
- **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.

## WARNINGS AND BANS:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No
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## MANUFACTURERS CONTACT DETAILS:

Manufacture location	Australia
Legal and trading name of manufacturer	Tremco CPG Pty Ltd.
Manufacturer address for service	12/4 Southridge Street, Eastern Creek, NSW 2766, Australia
Manufacturer website	
Manufacturer email	orders@tremco.com.au
Manufacturer phone number	+61 2 4648 0397