

A793 – Corroless RF35

PRODUCT DESCRIPTION & USES

A793 Corroless RF35 is a two component very high solids epoxy coating.

PRODUCT FEATURES

- High build, high solids, low solvent content product
- Excellent chemical resistance
- High abrasion resistance
- Approved, when used in conjunction with **A757 Corroless EP**, as a coating that complies with BS6920 for use in contact with potable water.
- Applications include water tanks, pipe linings, chemical tanks, cargo holds and other areas of high corrosion and abrasion.
- MAF Approved
- Made in New Zealand for New Zealand conditions.

TECHNICAL DATA

Gloss Level	High Gloss
Primer	A757 Corroless EP.
Mix Ratio	3:1 by volume of A793 Corroless RF35 with A794 RF35 Activator
Wash Up	A753-04 Corroless Thinner #4
Colour	White and pastel colours tinted from white.
Pack Size	4L
Storage Temperature	10°C - 20°C
Shelf Life	Minimum 1 year.
Working life at 18°C	20 minutes
Toxicity	Formulated without added lead or mercury. Dried film is non-toxic.
Flash Point	41°C
VOC content	9.4g/L as per EC-07-09 and APAS definition of Volatile Organic Compound.
Volume Solids	96±2%
Wet Film Thickness	210µ
Dry Film Thickness	200µ
Coverage	4.8 m ² /L theoretical. Practical application rates depend on surface texture, temperature and method of application.

RECOMMENDED APPLICATION METHODS AND TECHNIQUES

Mix thoroughly before use using a power mixer (drill + paddle attachment) for two to three minutes at a medium speed until an even colour is obtained. (OVER MIXING will create heat and reduce the working life).

Best results are obtained by pre-stirring the base and hardener separately prior to mixing.

Stripe coat all edges, nuts, bolts, welds etc.

Overcoatable with **A793 Corroless RF35** or **A791 Corroless RF60**.

If overcoating time exceeds 24 hours, cleaning prior to recoating using a detergent solution / clean water rinse is recommended. Allow to dry. To overcoat after 3 days, abrade the surface to provide a key and wash down with clean fresh water to remove contamination. Allow to dry.

Minimum Surface Temperature: 3°C above dew point

Maximum Relative Humidity: 85%

Temperature Range: 8°C - 40°C

Suitable Application Methods: Brush, Roller, Airless Spray (using heater blocks at 25°C to 30°C)

Thinners: Not required

Cleaning Solvent: **A753-04 Corroless Thinner #4**

Max. Volume Thinners: Not applicable

Nozzle Orifice: 19 Thou

Fan Angle: 50°

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Nozzle Pressure: 4000 psi

DRYING CHARACTERISTICS

All figures quoted are at 18°C and 65% relative humidity.

Drying will take longer at lower temperatures.

Do not paint when temperature of surface is below 5°C, above 35°C or when humidity is very high.

Do not apply when rain or dew is expected within 4 hours.

Touch Dry: 8 hours

Hard Dry: 16 hours

Recoat: 16 hours minimum, 3 days maximum.

HEALTH & SAFETY

Irritant, avoid contact with skin and eyes. Avoid breathing vapour or sanding dust. When using this product it is recommended that full overalls, gloves, face mask and goggles be worn. Store container in a safe place when not in use.

Do not burn container.

FIRST AID

EYES Flush with water for at least 15 minutes and seek medical advice.

SKIN Wash contact areas with soap and water. Remove all contaminated clothing, and seek medical advice. Do not scrub.

INHALATION Remove patient from further exposure, and keep patient warm and comfortable

INGESTION Do not induce vomiting. Rinse mouth with water. Seek medical advice as soon as possible.

USE ONLY WITH ADEQUATE VENTILATION

KEEP OUT OF REACH OF CHILDREN

Refer MSDS, available on request, for detailed safety instructions.

TRANSPORTATION AND DISPOSAL

Class 9

Hazchem Code 3Z

UN No 3082

Packing Group No III

Fire Extinguishing Media CO₂, Foam, Dry Chemical

Fire Fighting Procedure Fire fighters should wear self contained breathing apparatus. Fight fire from a protected location as product may explode on heating. The vapours are heavier than air, so may travel along the ground to accumulate in low areas. Fire may flash back along vapour trail, and can also react with oxidising agents.

Spills should be cleaned up immediately by using sand or other non-flammable absorbent materials. Ensure material does not enter waterways.

Dispose of empty containers in accordance with local by laws.

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