

RAC 60

INTERMEDIATE COATS

RAC 60 is a **two pack, two component, polyurethane coating** cured with aromatic poly isocyanate. It is used as an intermediate coat in highly anti-corrosive PU systems. It is specially formulated to provide optimum balance between toughness and flexibility in addition to its superior chemical resistance. The coating has good hardness and yet it has sufficient resilience to withstand surface movements.

Uses:

Recommended for use in anti-corrosive systems in new construction and maintenance services on properly primed surfaces. Can be also used as topcoat in moderate corrosion environments. For severe corrosion or non yellowing requirements, it can be over coated with ARC 70 or Durathane NY45.

Surface preparation:

- Remove oil, grease and any other contaminants using thinner PUT 502.
- Blast clean to minimum SA 2½ (Swedish standard SIS 05 5900).
- If blasting is not practical, make full use of mechanical tools to remove loose rust and scale to St.2 Swedish standard.
- Surface should be clean and dry before application of coatings.

Application:

- Stir resin thoroughly and then mix one part of resin with one part of hardener by volume.
- Mix in small portions enough to last for 90 min. or less.

Typical physical properties:

Type	Two pack polyurethane
Composition	Polyol cured with aromatic isocyanate
Finish	Semi glossy
Mixing ratio(R:H)	1:1 by volume
Pot life	60-90 minutes @ 30 ° C
Application	Brush /Airless / Air spray
Recommended wet film thickness	110 microns
Recommended DFT	100 microns
% solids	60%
Drying time:	
To touch	15 - 30 min.
To handle	3- 4 hrs
Hard dry	24 hours
Full Curing	7 days
Theoretical Coverage	8-9 Sqm / lt. / coat @ 50 microns
Overcoat interval	Minimum 4 hours / Maximum 24 hours
Flash point	Above 20 °C
Recommended thinner	Dilution : PUT 509 Clean-up: PUT 502
Shelf life	6 months in the unopened container.