

APPLICATION AND CURING CONDITIONS

Primed surfaces

The surface must be completely clean and dry prior to application and its temperature must be at least 3°C above the dew point to avoid condensation. The surface should be stable, firm, dry and free of dust, sand, loose old paint, dirt, grease and oil. It is recommended to apply mid coat before exceeding maximum interval of primer. For zinc primed surfaces, ensure that the surface is clean, dry and free from any contamination and zinc salts before application.

REMARKS

PRECEDING COAT SUBSEQUENT COAT Film thickness

Zinc ethyl silicate (RHR-102)
Epoxy intermediate coat (REP-201)
May be specified in another film thickness than indicated depending on purpose and area of use. This will alter spreading rate and may influence drying time and recoating intervals. Normal range is 25-50 microns.

Thinning

The type and amount of thinner depend on application conditions, application method, temperature, ventilation, and substrate. RTH-112 is recommended in general.

Recoating and drying/curing time

Recoating intervals related to later conditions of temperature:
(35 micron dry film thickness)

Physical data versus temperatures					
Surface temperature		10°C	20°C	30°C	40°C
Dry to touch approx.		4 hours	2 hours	1 hour	30 min
Resist condensing humidity/ light showers after		24 hours	12 hours	7 hours	4 hours
Fully cured		14 days	7 days	4 days	3 days
Recoating interval with epoxy intermediate or top coat	Min	24 hours	12 hours	8 hours	4 hours
	Max	None	None	None	None

- (i) *A completely clean surface is mandatory to ensure intercoat adhesion, especially at long recoating intervals. Any dirt, oil, and grease have to be removed, e.g. with suitable detergent.*
- (ii) *Salts to be removed by fresh water hosing. To check an adequate quality of the surface cleaning a test patch is recommended before actual recoating.*

SAFETY

This product is intended for use of professional applicators. Applicators and operators shall use appropriate protection equipment when using this product. Use it in well ventilated environment and prevent direct contact with skin. Spillage on the skin should immediately be removed with suitable cleaner. Eye should be well flushed with water and medical cleaner.

RSI Co.

Product data sheet REP-301
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