

# INTERMEDIATE COAT POLYAMINE CURED EPOXY REP-209

# **PRODUCT DESCRIPTION**

**REP-209** is a two-component epoxy intermediate coating. Designed for long-term protection in busy industrial environments. This product as a intermediate layer to increase the mechanical strength, adhesion and durability of the final flooring in industrial environments, manufacturing, food and pharmaceutical factories, warehouses and busy places will be a good choice.

PHYSICAL PROPERTIES Finish Volume Solid Theoretical spreading rate Flash point Specific gravity VOC Shelf life	Gloss 98±2% 1.4 m² /liter 700 Mic. Dft. 90 ºC 2 ±0.05 kg/liter Max. 10 gr/liter 1 Years (25ºC) from time of production. D mechanical stirring may be necessary bef be ventilated and away from sunlight and	epending on storage condition, ore usage. Storage environment should high temperature (above 30 ° C)
MIXING Mixing ratio (by weight) Pot life	Component A: 100 1 hour (25 °C)	Component B: 13
APPLICATION Conditions Method	The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying. The coating should not be exposed to oil, chemicals or mechanical stress until fully cured. Trowel :If it is applied in high thickness, Roller: when using roller application care	
Cleaning tool Indicated dry film thickness Indicated wet film thickness	trowel is used. Other required tools included spike Roller (use for bubbles), spike shoes. RTH-104 500-1500 microns 510-1530 microns	must be taken to apply sufficient material in order to achieve the specified dry film thickness.

#### **DRYING AND CURING CONDITIONS**

Condition	Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. The figures given in the table are typical with: * Good ventilation (Outdoor exposure or free circulation of air) * Typical film thickness * One coat on top of inert substrate
Surface temperature	23 °C
Surface drying	2 hours
Deep drying	10 hours
Complete curing	7 days
Recoat interval, min	1 d
Recoat interval, max	5 days

APPLICATION CONDITIONS		
Surface preparation	The surface should be free of any contamination. Before the operation, the surface should be washed with water and in the presence of oil, grease or other materials using a special solvent	
Concrete and coated surfaces	Surface should be clean and free of any contamination. Remove old coating and apply primer on concrete. The surface should be Clean, dry and undamaged compatible coating. Contact your RSI office for more information	
REMARKS		
Preceding Coat	Epoxy primer such as REP-101	
Subsequent Coat	Epoxy top coat such as REP-315	
Storage	The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.	
Film thickness	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 500-1500 microns.	
Thinning	The type and amount of thinner depend on application conditions, application method, temperature, ventilation, and substrate. RTH-104 is recommended in general.	

## SAFETY

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult RSI material safety data sheets and follow all local and national safety regulations. Harmful or fatal if swallowed; immediately seek medical assistance. Avoid inhalations of possible solvent vapors or paint mist, as well as paint contact with skin and eyes. Apply only on well-ventilated areas and ensure that adequate forced ventilation exists when applying paint in confined spaces or when the air is stagnant. Always take precautions against the risks of fire and explosions.

## RSI Co.

Product data sheet REP-209 July 2022



