

RUST-OLEUM[®]
INDUSTRIAL



5090 ANTI-CONDENSATION

Prevents dripping from ceiling or walls

- Protects against discontinuous steam or water vapour formation
- Ideal for breweries, kitchens, wash and shower rooms
- 1 Litre product will, after drying, absorb at least 400 grams of water
- Fast drying
- Applicable on slightly damp surfaces

KNOW-HOW TO PROTECT™

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5090 ANTI-CONDENSATION

DESCRIPTION

Water-based single pack hygienic topcoat protects against discontinuous steam or water vapour formation, in order to prevent condensation and dripping.

RECOMMENDED USE

5090 should be used on ceilings and the upper parts of walls and is intended for 1 coat, airless application. The product can also be applied by brush or roller, 2 -3 coats, resulting in a textured finish. Can be used where discontinuous steam or water vapour formation occurs, in order to prevent condensation and dripping. 1 Litre product will, after drying, absorb at least 400 grams of water. Old coatings should be humidity resistant. Approvals: absorption by Ceripecc.

TECHNICAL DATA

Density (g/cm ³):	1,22
Gloss Level:	Matt
Solids content in volume:	27%
Heat Resistance:	50 °C (dry heat)

DRY TIMES BY 20° C/RH 50%

Touch dry:	1 hour (20°C), 6 hours (10°C), 1 hour (30°C)
Dry to handle:	2 hours (20°C), 8 hours (10°C), 2 hours (30°C)
Dry to recoat:	5 hours (20°C), 48 hours (10°C), 4 hours (30°C)
Fully cured:	3 days (20°C), 6 days (10°C), 2 days (30°C)

RECOMMENDED WET FILM THICKNESS

1000 µm

RECOMMENDED DRY FILM THICKNESS

270 µm

THEORETICAL CONSUMPTION

1 m²/l

PRACTICAL CONSUMPTION

Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

SURFACE PREPARATION

New concrete or brick surfaces should cure and dry for at least 30 days prior to application of the coating. Repair surface defects of (coated) concrete or brick surfaces. Remove grease, oil and all other surface contaminations by alkaline or high pressure (steam) cleaning. Scrape and wire brush carefully to remove deteriorated coatings. Sand previous coatings which are in good condition to remove gloss and to roughen the surface slightly. The surface may be slightly damp during application.

DIRECTIONS FOR USE

To ensure homogeneity, coating materials should be thoroughly stirred prior to use.

APPLICATION CONDITIONS

Temperature of air, substrate and coating material between 5 and 35°C and relative humidity below 85%. The substrate temperature must be at least 5°C above dew point.

APPLICATION & THINNING: BRUSH

Up to 5% volume water. Use a distemper brush.

APPLICATION & THINNING: ROLLER

Up to 5% volume water. Use a medium nap (10-15 mm), polyamide roller. For textured

surfaces use long nap 14-18 mm rollers.

APPLICATION & THINNING: AIRLESS SPRAY

If required up to 5% volume water. Pneumatic and electric airless equipment. Tip size: 0.018-0.024 inch (use reverse tips). Fluid pressure: 130 - 200 bar. Check wet film thickness, avoid excessive film thickness.

APPLICATION & THINNING: AIR-ATOMISED SPRAY

Not recommended.

CLEANING OF EQUIPMENT / SPILLS

Use water and soap.

REMARKS

Maximum dry film thickness per coat: 500 µm dry, equals 1850 µm wet. In order to restore absorptive properties, only clean the completely dry surface with cold water and liquid detergent with low pressure, followed by rinsing with plenty of fresh water.

SAFETY DATA

VOC level:	57 g/l
VOC ready mix:	57 g/l
VOC category:	A/1
VOC limit:	140 g/l
Remarks regarding safety:	Consult Safety Data Sheet and Safety Information printed on the can.

SHELF LIFE

Minimum of 4 years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C. **Keep from freezing. Freezing will irreversibly affect the product.**

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Available colours & pack sizes: Please refer to the respective product page on www.rust-oleum.eu for an overview of actual available colours and pack sizes.

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