



INTERCOACH 5600

DESCRIPTION

Waterborne UV-resistant acrylic topcoat designed for application on a wide variety of substrates. It provides an extremely hard, wear resistant and durable surface on components made of polycarbonates, composites, honeycomb panels, air films, aluminium painted and unpainted surfaces. It does not affect impact resistance of plastics (no stress-crazing).

PRETREATMENT

1. Clean dry with Scotch Brite Red Type A very fine.
2. Remove dust by using air pressure or clean cloth.
3. Degrease with isopropanol or other approved solvent.
4. Check result with water-break test (water drop has to spread out). To repair a filler of the INTERCOACH 5100 range can be used and for good adhesion use INTERCOACH 5075 M or PC. Consult the relevant TDS.

APPLICATION

Any usual spray equipment.
Pneumatic equipment with nozzle orifice 1.6-2.0 mm.
Airless with a nozzle orifice 0.013 inch.
Spray viscosity (20°C):
40 seconds DIN Cup 4
20 seconds ZAHN Cup 3
27 seconds ISO Cup 6
For paint roller or brush a special additive (IP PAINT DEFOAMER) can be add to INTERCOACH 5600.

OPTIMAL WORKING CONDITIONS

Temperature	15-35°C (60-95°F)
Relative humidity	10-80%

CLEANING EQUIPMENT

Clean equipment immediately after use with water.

PRECAUTIONS

Use masks and respiratory devices.
See SDS for further detailed information.

DRYING TIMES (T=25°C/R.H.55%) (ASTM D5895)

Set to touch:	3 minutes
Tack free:	4 minutes
Dry hard:	7 minutes

Dry through: 9 minutes
Full cure: 3 days
Flash off time between coats or before oven cure: 15-30 minutes.
Oven cure @ 60°C 1 hour.

DRY FILM THICKNESS

20-30 microns (one cross coat).

COLOURS

Most colours are available.

DENSITY

1.15-1.35 kg/L 9.6-11.3 lb. /gal.

VOC (ASTM D3960)

110-140 g/L less water 0.92-1.17 lb. /gal less water

SOLIDS CONTENT (ASTM D5201)

50-60 % by weight
42-46 % by volume

THEORETICAL SPREADING RATE

8.4-9.2 m²/L @ 50 microns

PACKAGING

1 kg
5 kg
1 Gallon
10g (Interpen)

STORAGE STABILITY

In closed containers and at T=5-25°C (41-77°F): 2 year.
Interpen at T=5-25°C (41-77°F): 6 months.

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