



INTERCOACH 5800

DESCRIPTION

Waterborne 2 pack UV-resistant polyurethane-acrylic topcoat designed to meet the original equipment manufacturers requirements. This paint is formulated to offer a hard and wear resistant surface, also dirt and stain repellent, high abrasion resistant. INTERCOACH 5800 can be applied with or without primer as a single coat system on a wide variety of substrates after proper testing and depending on the final result.

SPECIFICATIONS

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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 INTERCOACH 5100 range can be used and for good adhesion properties INTERCOACH 5200.

MIX RATIO

	<u>By weight</u>		<u>By volume</u>
Base 5800	100g	Base 5800	100 parts
Hardener 5801	20g	Hardener 5801	25 parts
Water fill spray viscosity	15-20g	Water fill spray viscosity	20-25parts

**While stirring thoroughly add hardener first, followed by water to obtain spray Viscosity. Always verify spray viscosity.
DO NOT ADD WATER DIRECTLY TO INTERCOACH 5801.**

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):
38-42 seconds DIN Cup 4
19-21 seconds ZAHN Cup 3
25-27 seconds ISO Cup 6

For paint roller and brush a modified quality is available **INTERCOACH 5800R**. Consult the relevant TDS.

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:	4 minutes
Tack free:	8 minutes
Dry hard:	21 minutes
Dry through:	50 minutes
Full cure:	3 days

Flash off time between coats or before oven cure: min. 50 minutes (at 50 microns dry). Curing time @60°C: minimum 1 hour.

COLOURS Most colours are available.

DENSITY

Base 5800	1.2-1.3 kg/L
Hardener 5801	1.10 kg/L
Mixed + water	1.15-1.25 kg/L

VOC (ASTM D3960) 190-210 g/L less water

**SOLIDS CONTENT
(ASTM D5201)**

Base 5800	49-56% by weight	42-43% by volume
Hardener 5801	77% by weight	76% by volume
Mixed + water	49-53% by weight	42-43% by volume.

**THEORETICAL
SPREADING RATE**

Base + hardener:	14 m ² /L @ 50 microns
	11-12 m ² /kg @ 50 microns

POTLIFE (20°C) 5-6 hours depending on temperature. Do not apply after the potlife has expired. Do not add leftovers to fresh paint.

PACKAGING

1 kit:	5kg INTERCOACH 5800
	1 kg INTERCOACH 5801

STORAGE STABILITY In closed containers and at T=5-25°C (41-77°F); 2 year.

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