



INTERCOACH 5100 S

DESCRIPTION

Waterborne one component acrylic spray filler for surface repair of railcoach interior panels.

In combination with INTERCOACH 5075 PC or 5075 M, an excellent performance is obtained on honeycomb panels, polycarbonate, PES, composites and most commonly used synthetic materials, as well as on metal. Specifically, formulated to fill up general surface porosity and/or light scratches.

SPECIFICATIONS

Developed to meet the highest standards of fire resistance with low smoke and toxicity levels.

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 isopropyl alcohol or other approved solvent.
 4. Check result with water-break test (water drop has to spread out).
- Prior to the application of INTERCOACH 5100 S apply a thin layer of INTERCOACH 5075 PC or 5075 M to improve the adhesion.

APPLICATION

Any usual spray equipment.

Pneumatic equipment with nozzle orifice 1.8-2.0 mm.

Dilution: maximum 5% water.

Airless with a nozzle orifice 0.013 inch.

Spray viscosity (22°C):

-65 seconds DIN Cup 4

-31 seconds ZAHN Cup 3

-44 seconds ISO Cup 6

NOTE: INTERCOACH 5100 S is a spray filler, DO NOT USE for brush or spatula application.

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:	6 minutes
Dry hard:	8 minutes
Dry through:	10 minutes
Full cure:	3 days

Flash off time between coats or before oven cure: 15-30 minutes.
Curing time @ 60°C: 20 minutes.

COLOURS

White, other colours on request.

DENSITY

1.34-1.36 kg/L	11.2-11.4 lb. /gal.
----------------	---------------------

VOC (ASTM D3960)

120-130 g/L less water	1.00-1.08 lb. /gal less water
------------------------	-------------------------------

SOLIDS CONTENT (ASTM D5201)

61% by weight
46% by volume

THEORETICAL SPREADING RATE

9.2 m²/L @ 50 microns
6.9 m²/kg @ 50 microns

PACKAGING

5 kg

STORAGE STABILITY

In closed containers and at T=5-25°C (41-77°F): 1 year.

WWW.HSH-RAIL.COM

The information contained in this document is given in good faith by HSH and based on HSH current knowledge. It is only an indication and is in no way binding particularly as regards infringement or prejudice to third parties through the use of our products. The information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for a given use.