

Technical Data Sheet

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Farben-Senner RAL Acrylic Spray

1. Technical product description

1.1.	Product description	High quality acrylic paint
1.2.	Characteristics	quick drying; non-fade, non-yellowing; high surface hardness; scratch and impact resistant; polishable paint
1.3.	Nature of the material	Description of the aerosol paint: <input type="checkbox"/> contains solvents <input type="checkbox"/> water-thinnable <input type="checkbox"/> solvent-free
1.4.	Area of application	Areas of application and surfaces: <input checked="" type="checkbox"/> Inside <input checked="" type="checkbox"/> Outside <input type="checkbox"/> Special application Type Particularly for machines, machine parts, tools, vehicles of all kinds, equipment, steel furniture, and many others.
1.5.	Colour	Colour number: <input checked="" type="checkbox"/> RAL Number: <input checked="" type="checkbox"/> NCS Number: <input checked="" type="checkbox"/> Special Number: Maximum colour deviation from colour specifications Δ E: approval according to calibrated standard values (guarantee for optical match)
1.6.	Gloss degree	Identification according to DIN 67530: Specular gloss: gloss silk matt matt Value: 80 - 85 30 - 40 15 - 25 Measurement angle: 60° 60° 60°
1.7.	Bonding agent basis	<input type="checkbox"/> Alkyd resin <input checked="" type="checkbox"/> Acrylate polymer mix <input type="checkbox"/> NC <input type="checkbox"/> Special <input type="checkbox"/> softener-free in the sense of the VdL guideline 01 (revision 2)
1.9.	Pigment basis	Titanium dioxide Type / Morphology Manufacture procedure: Chloride procedure <input checked="" type="checkbox"/> Manufacturer environmental certificate in accordance with guideline 92/112/EEC <input checked="" type="checkbox"/> Rutile-type Colour pigments: <input type="checkbox"/> Anatas <input checked="" type="checkbox"/> heavy metal-free <input type="checkbox"/> Filler Kind of the fillers:
1.10.	Hardness	measured by König pendulum test, DIN 53 157 Value: > 100 after 24 hrs drying time, depending upon layer thickness
1.11.	Weather proofness	Description of the resistance to external influences: non-fade; non-yellowing; weather-resistant; scratch and impact resistant
1.12.	Shelf life	Number of years: 3, with suitable storage (= 10°-25°C, max. relative humidity 60%) Sedimentation behavior: not occurred
1.13.	Adhesion	Cross-cut test in accordance with EN ISO 2409 on a steel sheet metal test Value: <input checked="" type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 0 = very good <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 5 = very poor

2. Manufacturing properties

2.1.	Instructions	Remove rust and dirt. Surface must be clean, dry and grease-free. Smooth uneven surfaces (fill with putty, sand, etc.). Prepare the surface with a suitable primer. To improve the adhesion we recommend pre-treating plastic parts with Farben-Senner plastic primer. Protect the surroundings from the spray! Make a spray and paint compatibility test in an inconspicuous place. Spray in several thin criss-cross layers. Spraying distance approx. 25 cm. Do not spray on synthetic varnishes.
2.2.	Productivity	400 ml is enough for approx. 1-2 m ² (depending upon colour, with a covering layer)
2.3.	Drying time	at 20°C, 50% rel. air humidity Value: approx. 10 min (surface dry) Value: approx. 30 min (tack free) Value: approx. 2 hrs (print free) Value: approx. 48 hrs (polishable)
2.4.	Recoatibility	Value: 48 hrs
2.5.	Compatibility	Do not spray on synthetic varnishes!
2.6.	Process	good finish, smooth surface

3. Product packaging

3.1. Material properties

3.1.1.	Container	- Material used: three-part tin-plate aerosol can - Package geometry: cylindrical - Weight empty: inc. mixing balls and valve approx. 100 g/56 g - Maximum fill volumes: 520 ml/210 ml - Maximum nominal value: 400 ml/150 ml Other:
3.1.2.	Cover	- Material used: Plastic - Recyclate-free - Weight: 15.6 g/11.4 g Other:

3.2. Product equipment

3.2.1.	Label/markings	Substrate: Chromolux 80g/m ² paper Number of colours: 4-colour Cover: white plastic Other:
3.2.2.	Product identification	<input type="checkbox"/> EAN barcode <input checked="" type="checkbox"/> colour-specific <input type="checkbox"/> Batch number Identification of contents: colour name, article number, according to arrangement Other:

4. Disclaimer

This technical application information is accurate to the best of our knowledge. It must however only be considered as noncommittal reference and do not relieve you from making your own examinations of the products supplied by us for their suitability for intended applications. The application and processing are outside our control and are therefore the sole responsibility of the user. Farben-Senner is absolved of all liability, in so far as the claim is not due to a fault on the part of Farben-Senner. Our General Terms & Conditions apply.