

Technical Data sheet

Q 70-170 2K VOC Matt Clearcoat 2:1

Characteristics:

Opaque 2-component acrylic medium solid clear coat, designed for car refinish and industrial coating. Characterized by high chemical, mechanical and weathering resistance as well as high hardness. Easy to use. Provides high-quality matt coating with very low gloss of 5-10 GU units and resistance to scratches and UV. The gloss level depends on coating thickness and the lower the thickness, the lower the gloss level. This clear coat is suitable for application in spray booths or areas adapted for painting. Designed for use on solvent- and waterborne base coats.

Application:

Measure out the A+B mixture by volume: 2 parts of clear coat (A) and 1 part of hardener (B), then mix thoroughly. Apply on dry and dust free surface with a spray gun with a nozzle diameter of 1.3 mm in 2 normal coats with a 5-minute break for the solvents to evaporate before applying another coat.

Technical data:

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Density: 0,98 - 1,00 g/cm³

Colour: milk-white, opaque

VOC Hardener normal

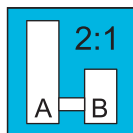
Density: 0,96 - 0,97 g/cm³

Colour: colourless/slightly yellow

Note: Possible light coloration of the hardener doesn't affect the shade of the finishing coat.



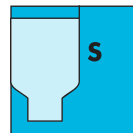
2004/42/IIIB(d)(840) < 840g/l



2 : 1



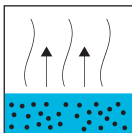
2,5 h 20°C



Ford cup 4 mm at 20°C: 18 - 22 s
DIN cup 4mm at 20°C: 15 - 17 s
ISO cup 4mm at 20°C: 37 - 46 s



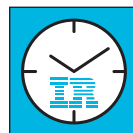
2 coats 50 - 60 µm
1,3 mm



5 min <> coat
10 min < bake



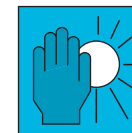
20°C : 3 h
60°C : 30 min
20°C full hardness: 5 -7 days



10 min



9 M



Recommended process conditions

temperature 18 - 22°C, relative air humidity 40-60%

Theoretical coverage

7,59 m²/l

REMARKS

Allow the product to reach the recommended application temperature naturally (avoid rapid heating/cooling). It is not recommended to apply the product in a temperature below 18°C. Low application temperature changes the characteristics of the coating finish (increased open time, greater structure, longer curing time). Prior to application, the product temperature, spray booth temperature and object temperature should be adjusted to about 20°C.

This data sheet is for information purpose only. To our knowledge the data provided complies with the latest standard and is based on years of experience in the manufacturing of our products.

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