



Q 40-290

1K UV High Build Primer

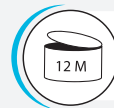
Characteristics

40-290 1K UV High Build Primer is a high-build, UV-drying filler for fast and efficient refinishing, which can be sanded after only 5 minutes of irradiation with a UV LED lamp or Hg lamp (mercury vapour lamp) in very high film thicknesses. Alternatively, sanding is also possible after a 4-5 minutes exposure to direct sunlight. After curing, this filler provides a very hard surface with excellent sanding properties. Outstanding mechanical and chemical resistance of the filler surface. 40-290-1000 1K UV High Build Primer is perfectly suitable for partial car coatings and spot repairs. Very good adhesion to steel, iron and galvanised Substrates.

Physical Characteristics

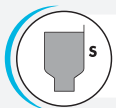


2004/42/IB(c)(540)<250



12 month

Application



30 - 40 s
4 mm DIN



1,3 - 1,6 mm
1,6 - 2,0 bar



1,3 - 1,6 mm
1,6 - 2,0 bar



1 - 2 coats



Between the coatings
Before the UV drying

3 - 5 min
5 min



100 - 200 µm

Consumption:
5,5 - 6,5 m²/l (100µm TSD)

Drying

UV LED-Light: approx. 5 min/ Hg-Lamp (mercury vapour lamp): approx. 5 min/ direct sunlight: approx. 4 - 5 min, please observe: When drying with sunlight, the dry film thickness of 80 µm must not be exceeded, otherwise through-drying problems may occur.

Note:

Although, the use of very powerful lamps shortens the drying time, this sudden drying can lead to severe coating damage such as wrinkling and cracking and/ or adhesion problems. Therefore, it is strongly recommended not to use such lamps or to make sure that the specified UV-drying times are observed.

Processing tips



Due to the system, storage causes phase separation of the material in the container. This is specific to the product and can be remedied by thorough mixing. Phase separation may also occur when this product is kept in the gravity cup for a longer period. Therefore, it is necessary to thoroughly stir the filler.

Important: 40-290-1000 1K UV High Build Primer must not applied as a covering coat. Avoid excessive coating, otherwise adhesion and curing problems will occur.

Storage



Store the product in a ventilated place. Keep away from direct exposure to sunlight.
Keep between +5°C and 20°C.

Safety



For more informations check the safety data sheet.



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. Copyright: Q-Company Int. GmbH, all rights reserved.

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