

Ultracur3D®

Coat F+

Application: Automotive interior, Footwear, Consumer goods, Medical O&P

- Key Features:**
- Outstanding elasticity and flexibility
 - Excellent adhesion
 - Low emission
 - Extensive range of colors
 - Easy to use

Handling:



Coating must be stirred sufficiently before use.
 The coating with hardener should not be poured back to the original packaging.

Remarks: The substrate should be clean, free of dust, rust, oil and grease.
 If the substrate was previously chemically smoothed, it is recommended to perform an additional tempering of 4h at 60°C before coating.

Substrates:

- = Very well suited
- = well suited
- = suited in some cases
- = no data

Ultracur3D TPU01

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Ultracur3D TPU88A

Ultracur3D PA6

Ultracur3D PA11

Ultracur3D EL150

Ultracur3D EL4000

Ultracur3D RG35

Ultrafuse ST45

Ultrafuse TPU85A

Safety advice:

The product is suitable for professional use only.

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. The safety data given in this publication is for information purposes only and does not constitute a legally binding MSDS. The relevant MSDS can be obtained upon request from your supplier or you may contact BASF 3D Printing Solutions GmbH directly at sales@basf-3dps.com.

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Mixing ratio: 100 : 4 by volume



Hardener: Ultracur3D® Hardener F+



Reducer: DI-Water (if needed)

Application:



HVLP spray gun

Dipping

Nozzle pressure:

-

Nozzle size:

-

Number of coats:

2

Flash off at 23°C:

10 min

Layer thickness:

20 – 25 µm

n / A

Application remark:

We recommend applying one coat of our Pure White as a primer to achieve a good color appearance on darker substrates with our colors Canola Yellow and Signal Orange.



Drying

30 minutes at 80°C

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Version 1.0

**Potlife at 20°C:**

1 h

**Shelf life (5 – 35°C)**

6 months

Application procedure:

Pretreatment:



1. Clean substrate with Isopropanol.
2. Drying in air circulated oven for 10 minutes at 80°C.
3. Cool down substrate to room temperature (23°C).

Application:



1. Clean substrate surface with compressed air shortly before coating.
 2. Apply a first layer in one cross-coat or dip process.
 3. Flash off at 23°C for 10 minutes.
 4. Intermediate drying in an air circulated oven for 10 min at 80°C
 5. Apply a second layer in one cross-coat or dip process.
 6. Flash off at 23°C for 10 minutes.
 7. Final drying in an air circulated oven for 30 min at 80°C.
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