

Basic Fact Sheet

Beyond Paint Coatings Solutions



Product Name: NovaCoat-D
Standard Articles: Clearcoat 1 KG (HAC01S19)
Orange metallic 1 KG (HMM21S21)
Purple metallic 1 KG (HMM41F21)
Hardener 1 KG (HEH01F18)

Technology:
Functional Demold Coating

Chemistry:
Highly flexible 2-component, polyurethane based coating

Characteristics:
Package Viscosity: 300-400 mPas (23°C, 1000 1/s, DIN 53019)
Gloss: glossy to matte surface depending on mold design
Shelf life: 6 months, unopened at 5-35°C / 40-95°F

Application:
For the use in the in-molding processes of flexible foams, e.g. polyurethane foams

Product Adjustments:
Hardener: HEH01F18
Mixing ratio by weight: 100 : 55
Thinner: n-butyl acetate
Spray viscosity: 200-300 cP (at 23°C)
Pot-life: ca. 10 min (at 23°C and 50-60% humidity)

Intense agitation (5min stirring with a visible vortex) before use to ensure the intended spray viscosity

Processing:
Mold Temperature 55°C-70°C
Flash Off conditions: < 90 seconds at 65°C mold temperature with open mold
Curing conditions: depending on demolding time
Film build: 20 - 80 µm

Fully automatic application

Equipment recommendation: DESMA FDC-unit

Semi automatic application

Equipment recommendation e.g. 2K dosing unit by POMA

Fully manual application

Equipment recommendation: e.g. SATA HVLP

Safety Characteristics:

See the Material Safety Data Sheet.

For further questions, please contact laura.overs@basf.com in Europe, lisa.jean.harlow@basf.com in North America or andy.a.li@basf.com in Asia

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