

NEXTEL®

Velvet-Coating 811-21

Data sheet: **811-21**
Technical info:
Gen. techn. info:

1. Introduction/Characteristics NEXTEL-Velvet-Coating 811-21 is a black special paint to achieve mat and absolutely non-dazzling surfaces. Due to finest spheric pigments the absolutely light-diffusing surface absorbs 98 % of the light, independent of the angle of incidence.

Unlike conventional mat finishes NEXTEL-Velvet-Coating 811-21 not susceptible to burnishing. Optical properties remain unchanged, even after intense cleaning with soft brush or sponge. Moreover NEXTEL-Velvet-Coating 811-21 is heat and condensate resistant as well as highly elastic and impact resistant.

2. Range of application NEXTEL-Velvet-Coating 811-21 is used whenever light reflection is to be avoided, e.g. for instrument scales, optical and scientific appliances.

3. Colour jet black

4. Gloss very mat, total reflectance $\leq 2/85^\circ$
(DIN 67530 / ISO 2813)

5. Coverage 7 m² / l at a dry film thickness of 50 µm
recommended dry film thickness: 45 to 55 µm

6. Substrate pretreatment NEXTEL-Velvet-Coating 811-21 is applied directly onto the appropriately cleaned / pretreated substrate, e.g. metal, thermoplastics and duroplasts.

For difficult substrates like aluminium and to improve adhesion, mechanical resistances and corrosion protection, use of NEXTEL-Primer 5523 is recommended.

NEXTEL[®]

Velvet-Coating 811-21

7. Trade names	Base Material Thinner	NEXTEL-Velvet-Coating 811-21 NEXTEL-Verdünner 8061
-----------------------	--------------------------	---

8. Application	Compressed air spraying Efflux time (DIN 53211) Nozzle size Pressure	approx. 5 % thinner not measurable 1,5 – 1,8 mm approx. 3,0 bar
-----------------------	---	--

9. Drying	Room temperature	dust-dry: 15 – 20 minutes assembly dry: approx. 6 hours
	Oven drying	60 minutes at 80° C 30 minutes at 120° C

10. Packaging	NEXTEL-Velvet-Coating 811-21 NEXTEL-Verdünner 8061	1 l, 10 l 1 l, 5 l, 25 l
----------------------	---	-----------------------------