

# NEXTEL® Primer 5523

Technical Datasheet 143-00

## Characteristics



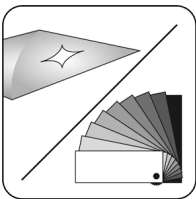
- Two-component primer
- Excellent adhesion promoting and corrosion protection properties when applied together with NEXTEL-Suede-Coating 3101

## Range of Application



- Color-giving primer for application under NEXTEL-Suede-Coating 3101 - please refer to Technical Data Sheet 428-04.

## Color and Gloss

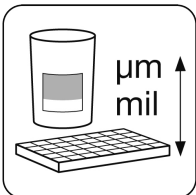


Color: white, light grey, anthracite

NEXTEL-Primer 5523 should always be applied underneath a final coating, i.e. NEXTEL-Suede-Coating 3101, which matches the color.

Due to the character of Nextel Primer 5523 the color of the primer should be similar to the color of the topcoat (use light primer under light topcoat). See the Nextel Suede Coating 3101 color card or price list for the recommended color of Nextel Suede Primer 5523.

## Theoretical Coverage



Area	Quantity	Film thickness
240 m <sup>2</sup>	1 l	1 µm (0.04 mil)
9773.63 sqft.	1 gal	1 µm (0.04 mil)
2443.41 sqft.	1 qt	1 µm (0.04 mil)

Recommended dry film thickness: 25 - 35 µm (1 - 1.5 mil)

6.9 - 9.6 m<sup>2</sup> / l at 25 - 35 µm (1 - 1.5 mil)

279 - 391 sqft. / gal at 25 - 35 µm (1 - 1.5 mil)

70 - 98 sqft. / qt at 25 - 35 µm (1 - 1.5 mil)

## Surface Pre-treatment



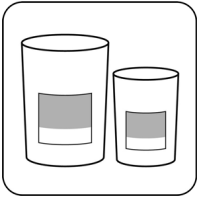
- Is applied directly onto the appropriately cleaned / pre-treated substrate, e.g. metal substrates, thermoplastics and thermosetting plastics as well as MDF panels (medium density fibreboard).
- Due to the variety of substrates combined with numerous application methods tests must be carried out prior to the start of serial production in order to check the substrate's surface and coating appearance. Tests must also be carried out regarding the thinner to be used.



# NEXTEL® Primer 5523

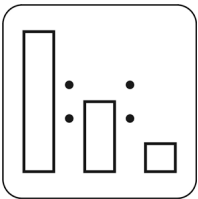
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## Trade Names and Packaging



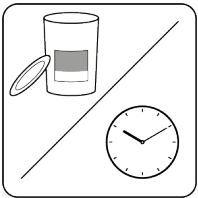
Material	Trade name	Container size [net]
Base material	NEXTEL Primer 5523	1 l, 5 l, 20 l, 0.875 qt, 0.875 gal
Hardener	NEXTEL Hardener 5524	incl. NEXTEL Härter 5524 0.875 qt, 0.875 gal, 4 oz., 1 pint
Thinner	NEXTEL Thinner 8061	1 l, 5 l, 20 l, 1 qt

## Mixing



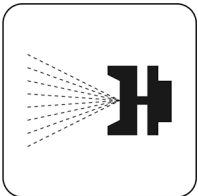
	Base	Hardener
Trade name	NEXTEL Primer 5523	NEXTEL Hardener 5524
By weight	10	1
By volume	7	1

## Pot Life



approx. 16 h at 20 °C (68 °F) depending on temperature, humidity and environmental conditions

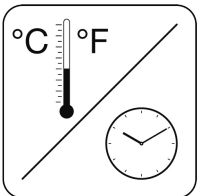
## Application



	Compressed air spraying
Addition of thinner	25 - 30 %
Viscosity / Efflux time (DIN 53211-4)	approx. 18 - 22 s
Nozzle size	1.5 - 1.8 mm (0.04 - 0.07 inch)
Spraying pressure	3 - 4 bar (43.5 - 58.0 psi)

Please review the technical recommendations of the equipment manufacturers.

## Drying



	20 °C (68 °F) drying
Recoatable	15 - 30 min

The temperature specified is the object temperature.

During the drying phase a minimum object temperature of 18 °C (64.4 °F) is required.

In order to achieve optimal adhesion between NEXTEL Suede Coating 3101 and NEXTEL Primer 5523 the primer must be recoated within 24 h. Curing of both layers may be carried out by air drying or oven drying - please refer to Technical Data Sheet 428-04.



## Additional Details



Store between 5 - 35 °C (41 - 95 °F) in original, unopened containers (acc. to DIN 3840:2007).

The information contained in this document is based on our current state of research and development. Revisal by the user with regard to the intended purpose is necessary due to the variety of processing options and fields of application – please refer to the General Terms and Conditions of Sale.

