

NC Black Putty

Product code: E/515

Color: Black

Composition and Application Field

Nitrocellulose black Putty is a combination recipe based on a special Alkyd resin and a nitrocellulose composition with a unique form of filler and pigments. Its good virtues include excellent sanding properties and quick setting and thereby ensuring good workability. It should be applied directly. As body filler for steel surface and cabinet work and specially for automotive surfaces.

Product Preparation

Generally ready to use with a putty knife, but in some cases we can spray it after dilution with NC thinner E/600 around 150%.

Technical Characteristics

Physical Properties

Specific gravity	1.38	(± 0,025) Kg/l
* Visc. Spindle nb	250	(± 25) Ps
3 in RT at 25°C		
Weight solids	64%	(± 2) Kg/Kg
Flash Point	21	grades
		centigrade

(Abel Pensky closed cup)

Application Rate 140gr/m² (per coat)

Drying @25°C

* Dust free	15 mn
Touch drying	30 mn
Interval coats (without sanding)	2.30 hrs
Sanding after	12 hrs
Overcoating	12 hrs

N.B: The surface profile, the thickness applied and number of coats, all affect the drying time and the coverage of E/515. The product can be sanded after 3 hous (its related also to the thickness).

Surface Preparation

In case of mild conditions of application, remove the previous coat with a mechanical tool, wire mesh, or a mild sweep blast is to be done.

In case of detailed Surface preparation is warranted, remove all wax, oil and grease should be removed by solvent cleaning in accordance with the guidelines given by SSPC-SP1. Where necessary, remove weld spatter and round off all rough weld seams and sharp edges to a smooth surface. Ideally abrasive blast clean to a minimum standard of Sa 2-½ Swedish Standard SIS 05 59 00 or ISO 8501-1:1988. Any surface defects revealed by blast cleaning should be ground, filled or treated in a suitable manner. After blasting, remove dust from the surface. The surface to be coated must be clean and dry with NC Primer before applying the top coat.

Application Method

You can apply the product either with knife putty or with spray gun. One should apply with a putty knife or a broad bladed knife and spread it evenly on the surface to smoothen. After application light sanding may done to remove the imperfections. Apply one or more coats according to the desired covering effect, even without sanding between coats. To have a good result it is necessary to sand after 3-4 hours from the application with a sanding paper of 220. While no thinner is required in the normal course Nitrocellulose Lacquer thinner for ease of application.

Caution: Over diluting would result in imperfect workability and on the other hand too much viscosity would result in rolling. Therefore it is necessary to maintain a good consistency for the working.

Spraying: We advise to use a mm. 1,8-2 nozzle at 3-4 atm/bar. Usable even air-mix or airless pump.

Subsequent Treatments

After drying and sanding can be applied NC primer, using our products. As sanding paper use 220 grain.

Packing

Available in Usq, Usg, 5Usg and 10(5Usg)

Storage

If the drum is hermetically closed and well stored at 25°C, the product has 18 months of shelf-life.