



## TECHNICAL DATA SHEET

# SPRAY PUTTY

Gerko spray putty is a polyester putty intended for pneumatic spray applications on horizontal and vertical surfaces. It is used for filling smaller and larger uneven areas and guarantees a very smooth coating even on large surfaces. Provides an excellent isolation of acrylic primers and paints from polyester putties. Creates layers with good adhesion.

**Surfaces:** steel, aluminium, polyester putties, primer paints, polyester laminates, old paint coatings, wood, plastics (except PP, PE and PFTE). Before applying test on galvanized surfaces.

### PROPERTIES

- Used for filling smaller and larger uneven areas
- Creates a smooth coating, even on large surfaces
- Excellent adhesion on different surfaces
- Dries up rapidly and produces a pore-free surface
- High filling capability
- Is easy to sand

### PHYSICAL PROPERTIES

CODE	DESCRIPTION	COLOUR	PIECES PER BOX	PIECES PER PALLET
SP12	Spray putty 1,2 kg	Grey	6	600

### SUBSTRATE PREPARATION

**Steel** - Use Gerko solventbased degreaser to remove dirt and impurities. Sand the surface manually or mechanically with P120 - P180 abrasive paper. Dust off with compressed air and then degrease again.

**Aluminium** - Use Gerko solventbased degreaser to remove dirt and impurities. Sand the surface manually or mechanically with P240 - P400 abrasive paper. Dust off with compressed air and then degrease again.

**Putties and laminates** - Use Gerko solventbased degreaser to remove dirt and impurities. Sand the surface manually or mechanically with P240 - P320 abrasive paper. Dust off with compressed air and then degrease again.

**Two-component acrylic and epoxy primers** - Apply spray putty only to a properly dried and cured coating. Use Gerko solventbased degreaser to remove dirt and impurities. Sand the surface manually or mechanically with P240 - P320 abrasive paper. Dust off with compressed air and then degrease again.

**Old and hardened paint coatings** - Use Gerko solventbased degreaser to remove dirt and impurities. Sand the surface manually or mechanically with P240 - P320 abrasive paper. Dust off with compressed air and then degrease again.

**Wood, furniture boards or the like** - The surface must be free from all kinds of impurities. Sand manually or mechanically with P150 - P240 abrasive paper. Dust off with compressed air.

**Plastics** - Use Gerko solventbased degreaser to remove dirt and impurities. Sand the surface manually or mechanically with P240 - P320 abrasive paper. Dust off with compressed air and then degrease again. Before applying spray putty, apply Gerko primer - a primer for plastics, in order to ensure optimal adhesion to the substrate.



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### PUTTY PREPARATION

Mix thoroughly 100 parts by weight of putty with 3-4 parts by weight of curing agent until a uniform consistency is obtained. Using too much curing agent can cause discolouration of the top coat.

**For containers above 3l, before adding the curing agent, mix the product thoroughly with a mechanical stirrer. Stir at low speed to avoid airing the product.**

### THINNING

Add thinner to the spray putty in an amount up to 10% by volume.



### APPLICATION

Apply 1-3 layers with a spray gun with a nozzle diameter of 2-3 mm at the pressure recommended by the equipment manufacturer, to a total dry layer thickness not exceeding 500 microns. The product should be applied at a temperature of at least 10°C, within 15 minutes of the preparation of the ready-to-use mixture. Allow several minutes for the thinner to evaporate between consecutive layers. The evaporation time depends on the thickness of the layer applied and the ambient temperature.



### DRYING TIME

60 minutes/20°C or 30 minutes/60°C. An increase in ambient temperature speeds up the curing process. IR heater: 3 minutes flash-off; 6 minutes proper heating. If needed, repeat this procedure. Do not exceed the 60°C. Process after cooling down to ambient temperature. The applied layer of spray putty cannot be exposed to direct contact with water and should not be exposed to high humidity.



### SANDING

#### INITIAL

P180 - P240

#### FINAL

P240 - P320

### PRODUCTS THAT CAN BE APPLIED ONTO THE PUTTY

- Acrylic primers
- Epoxy primers
- Reactive primers

### PHYSICAL AND CHEMICAL PROPERTIES

Thixotropic paste of gray colour with a characteristic aromatic smell, containing styrene. Maximum volatile organic compounds content in ready-to-use product: 540 g/l. thinner to spray putty in an amount up to 10% by volume.

### STORAGE CONDITIONS

Store in original, tightly closed containers, in a dry, cool place, away from sources of heat and ignition, at a temperature of 5 to 20°C. Do not expose to direct sunlight.

### CURING AGENT USED

Cyclohexanone peroxide