



Art.-No.: 6.2050.2000

2050

CV Special Putty

Characteristics

4CR 2050 is an elastic two-component long-term putty based on unsaturated polyester resins. can be used on iron, steel, aluminium, zinc and glass fibre reinforced materials. Due to its fine grain the putty is also suitable for application in very thin coats. Its long pot life allows spot-repair on very large areas. Temperature stability by short time exposure up to 180°C.

V.O.C. Value

EU limiting value for the product (cat. B/b): 250 g/l (2007)
This product contains max. 15 g/l VOC [0.125 lbs/gal]

Tech Tip

4CR CV Special Putty is particularly qualified for the repairment of larger body areas especially in commercial vehicle sector and to level out the unevenness on machine parts.

Due to its resin formulation, this type of putty is also suitable for powder coating.

Resistant to the high stoving temperatures. To be applied from thick to extreme thin (towards zero) coats.



Application

Clean, derust, degrease and sand roughly the surface. Old coats have to be totally removed only in case of thermoplastic coats, nitro-cellulose based paint as well as acid reacting coats; otherwise it will be enough to sand roughly the substrate to ensure that the key is adequate. Degrease and sand roughly the epoxy substrates. Same procedure for glass fibre reinforced plastics. After that mix well 4CR 2050 with hardener and apply in the desired coat thickness. Subsequently insulate with a groundcoat 1K or 2K.

Mix well 4CR 2050 approx. 2 - 3% Hardener (by weight). An excess use (more than 3%) of hardener can result in a stained surface.

Drying:

At 20°C full cure after about 60 minutes. The process can be accelerated by force drying at 50 - 60°C or by using IR-lamps.

Attention: the polyester putty will not harden at under + 15°C!

Sanding:

Sand dry after approx. 1 hour.

Rough sanding with P80 - P120 grade paper

Final sanding with P240 - P280 grade paper before the application of the groud coat.

In case of deep dents, level out the damaged area by bulging.

With various bumps and dents, application of the putty in controled layers and intermediate drying.

Adheres to iron, steel, aluminum, zinc, GRP



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Technical Data

Binder base	unsaturated polyester resins
Colour	grey
Pot life (20°C, 2% Hardener)	10 - 15 minutes

Storage and Transportation

At least 1 year, if the original tins are kept closed.