











TDS 10-1-1

Cardea® Universal Putty

Description	Cardea® Universal Putty is a high-build polyester body filler designed to fill dents and surface irregularities on body parts.															
Related Products	Cardea® Universal Putty Putty hardener															
Substrate	Steel, galvanize, aluminium, polyester/epoxy surfaces, Cardea® Epoxy Primer Note: Do not apply Cardea® Universal Putty on thermoplastic acrylics and washprimers.															
Surface Preparation	 Degrease with Cardea® U-Clean 300 by clean cloth. <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Steel</td> <td style="width: 10%;"></td> <td>: Dry sanding - P80 sanding paper</td> </tr> <tr> <td>Galvanize</td> <td></td> <td>: Dry sanding - P180 sanding paper</td> </tr> <tr> <td>Aluminium</td> <td></td> <td>: Dry sanding - P180 sanding paper</td> </tr> <tr> <td>Polyester/Epoxy</td> <td></td> <td>: Dry sanding - P280 sanding paper</td> </tr> <tr> <td>Old Paint</td> <td></td> <td>: Dry sanding - P80 → P180 → P280 sanding paper</td> </tr> </table>  Clean with Cardea® U-Clean 300 by clean cloth.	Steel		: Dry sanding - P80 sanding paper	Galvanize		: Dry sanding - P180 sanding paper	Aluminium		: Dry sanding - P180 sanding paper	Polyester/Epoxy		: Dry sanding - P280 sanding paper	Old Paint		: Dry sanding - P80 → P180 → P280 sanding paper
Steel		: Dry sanding - P80 sanding paper														
Galvanize		: Dry sanding - P180 sanding paper														
Aluminium		: Dry sanding - P180 sanding paper														
Polyester/Epoxy		: Dry sanding - P280 sanding paper														
Old Paint		: Dry sanding - P80 → P180 → P280 sanding paper														
Mixing	 <table style="width: 100%; border: none;"> <tr> <td style="width: 40%;">Cardea® Universal Putty</td> <td style="width: 10%; text-align: center;">:</td> <td style="width: 50%;">100</td> </tr> <tr> <td>Putty hardener</td> <td style="text-align: center;">:</td> <td>2</td> </tr> </table> Note: Mix putty and hardener until uniform color is achieved.	Cardea® Universal Putty	:	100	Putty hardener	:	2									
Cardea® Universal Putty	:	100														
Putty hardener	:	2														
Pot Life	5-6 min (at 20°C)															
Application	 Apply putty by using a spatula at an angle of 60° to the surface. Fill dents by applying putty with several thin coats. Dry film thickness shouldn't be more than 5 mm															
Drying	 20°C / 20 min 40°C / 10 min  5-6 min The distance between surface and shortwave IR lamps should be 50 - 70 cm and must be used at low potential mode. The temperature should not exceed 70°C.															
Next Coat	 Dry sanding - P80 → P180 → P280 sanding paper  Cardea® Primers & Fillers. See TDS No: 20-1-1, 20-1-2, 20-2-1															
Equipment Cleaning	Use acrylic or cellulosic thinners															
Package	Cardea® Universal Putty : 1 kg & 1,8 kg Putty hardener : 20 g & 36 g															
Color	Beige															
Safety	Professional use only. See Material Safety Data Sheet															