

BESACAR 2K HS Filler



DESCRIPTION

2-component high build filler designed for automotive and commercial vehicle repair. It has high filling power, it's easy to sand and suitable for different applications. BESACAR optimizes the productivity by allowing flexibility on the application methods depending on the surface to be painted.

It has very good adhesion on steel, aluminum, galvanized steel and a wide variety of plastics.

COLORS

Mixing the 3 base colors of the BESACAR line, different shades of gray can be achieved for a correct covering of the different finishes, both in one or two-coat system.

	7035	7040	7667	7016
BESACAR 7035	100		40	
BESACAR 7040		100		
BESACAR 7016			60	100

SURFACE PREPARATION

It has good adhesion on steel, aluminum, galvanized steel, electro-galvanized steel, cataphoresis, GRP, PP-EPDM, ABS, PVC, PA, MA, SMC, NORYL, PC, as well as on polyester putties from the BESA line after sanding them.

Before starting the job, first sand, clean and degrease correctly the area with **SD-7 10** or **URASOL 8905** degreasers.

Recoatable with 2K topcoats and two-coat systems, both water and solvent based.

This filler is not recommended for repairs on thermoplastic acrylic enamels.

Choose MEDIUM THICKNESS or HIGH THICKNESS process depending on the state of the surface to be painted in order to obtain the highest productivity in each case.

MEDIUM THICKNESS 2K FILLER

USE

Recommended process for standard bodywork repair where the surface does not present excessive unevenness or when the work is on new parts. This process optimizes drying and sanding time.

Follow the indicated terms and thicknesses in order to prevent delays in the repairing process and chips or losses on the finishes. Obtaining a smooth and uniform surface will help shorten the sanding work and achieve a final finish with excellent extensibility and gloss.

APPLICATION

	STANDARD E-224	FAST E-202
Mixing ratio Volume Weight	4:1 V 100:15 P	4:1 V 100:15 P
Pot-life	2h	1h
Application viscosity Dilution %	25-30" URKISOL 8229 15-20%	
Gravity Gun Application pressure	1.4 - 1.8 mm 2-2.5 bar	
Number of coats Total thickness	1 - 3 coats 75-100 µm	
Flash time	5'-10' Between coats until matt 5'-10' Before accelerating drying	
Drying Time 20°C IR Medium wave 60°C	45' 12-15' 30'	20' 8-10' 20'
Sanding 20°C IR Medium wave 60°C	P400 for Basecoat / P360 for Topcoat 2-3h After drying After drying	P400 for Basecoat / P360 for Topcoat 1.5h After drying After drying

MIXING RATIOS

	100 g	250 g	500 g	1000 g
BESACAR	72	180	360	720
HARDENER	11	28	55	110
THINNER	17	42	85	170

HIGH BUILD 2K FILLER

USE

Recommended process when the surface to be painted is not even and high thickness is required to cover fill and cover it. In this type of repair high thickness is achieved with one single coat optimizing productivity.

Follow the terms and thicknesses indicated in order to prevent delays in the process and chips or losses in the finishes. Obtaining a smooth and uniform surface will help shorten sanding work times and achieve a final finish with excellent extensibility and gloss.

APPLICATION

	STANDARD E-224	FAST E-202
Mixing ratio Volume Weight	4:1 V 100:15 P	4:1 V 100:15 P
Pot-life	2h	1h
Application viscosity Dilution %	45-50" URKISOL 8229 8-10%	
Gravity Gun Application pressure	1.8 - 2.2 mm 2-2.5 bar	
Number of coats Total thickness	2 - 3 coats 100-150 µm	
Flash time	5-10' Between coats until matt 5-10' Before accelerating drying	
Drying Time 20°C IR Medium wave 60°C	45' 12-15' 30'	20' 8-10' 20'
Sanding 20°C IR Medium wave 60°C	P400 for Basecoats / P360 for Topcoats 3-4 h After drying After drying	P400 for Basecoats / P360 for Topcoats 2h After drying After drying

MIXING RATIOS

	100g	250g	500g	1000g
BESACAR	80	200	400	800
HARDENER	12	30	60	120
THINNER	8	20	40	80

CERTIFICATES 

F1 according to NF 16101 standard. With an URKINATO coating in its glossy, satin or mat versions.

R1, R2, R3, R7, R9, R17 (HL1, HL2, HL3) according to EN 45545 standard. With an URKINATO coating in its glossy, satin or mat versions.

R10 according to DIN 51130 standard (critical slip angle test). With an URKINATO coating in its textured version.

SAFETY INSTRUCTIONS 

The use of appropriate personal protective equipment is recommended during application, to prevent the irritation of the respiratory tract, skin and eyes. For professional use only.

STORAGE 

Keep in a tightly covered container, in a dry and ventilated place, avoiding direct exposure to sunlight. Temperature above 5°C is recommended, between 15 and 30°C optimal.

VOC 

The VOC content of BESACAR is a maximum of 540 g/l in compliance with European standard 2004/42/CE IIB(C) (540) <540 g/l.

The information contained in this Technical Specification Sheet is based on the knowledge and experience of the BESA technical department, and with it it's intended to advice and inform, being the responsibility of the user to take the necessary measures to guarantee the intended purpose of the product. **FOR PROFESSIONAL USE ONLY.**
