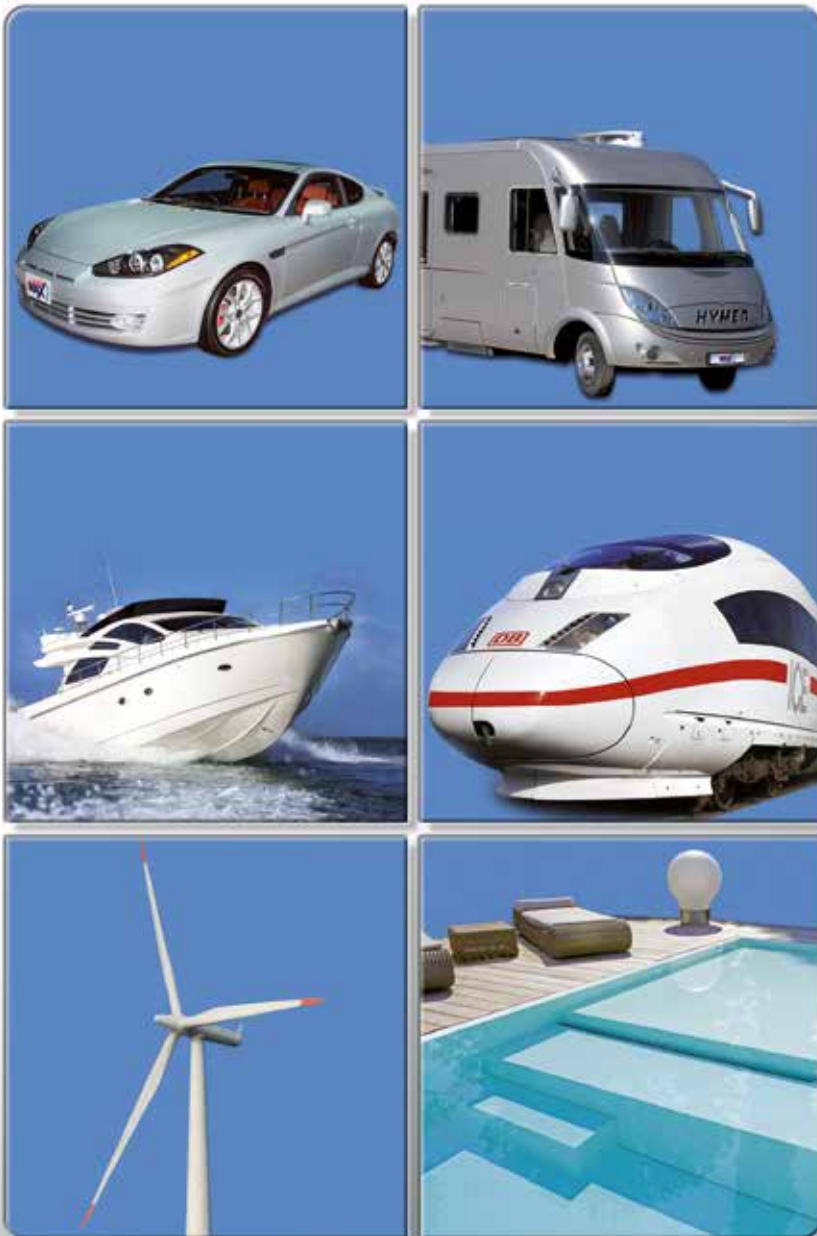


2K Polyester Filler



The convenient solution

2K Polyester Filler

Scope of Application

SprayMax 2K Polyester Filler is a peroxide activated filler in an aerosol can for a very fast repair of rough surface structures. (e.g. Hail- Dents, rough metal structures, deep sanding marks, orange peel structures, pin holes; others)

SprayMax 2K Polyester Filler is ready for use; a perfect combination of long shelf life and potlife with advantages in potlife, paint volume and can size, convenient working process with perfect surface results.

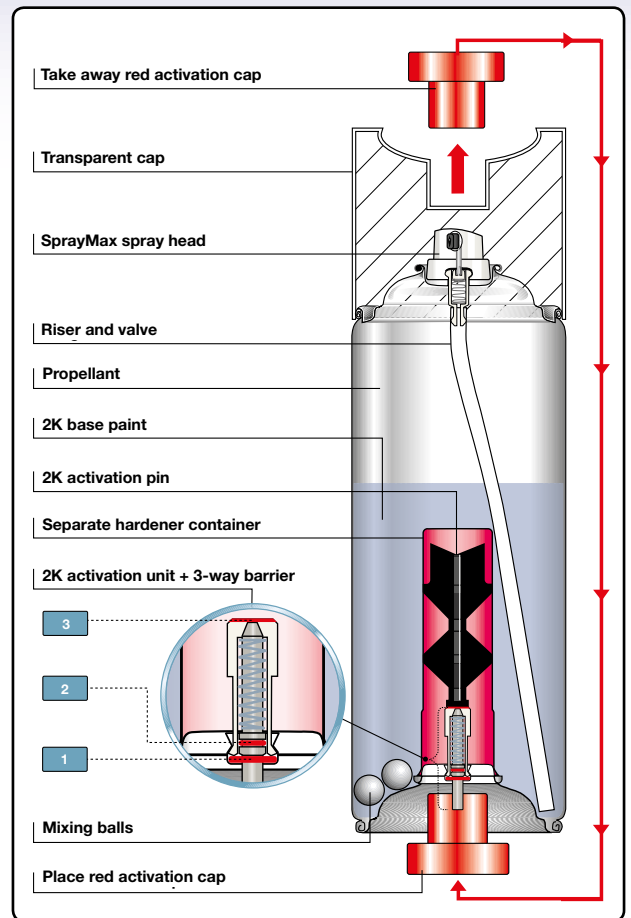
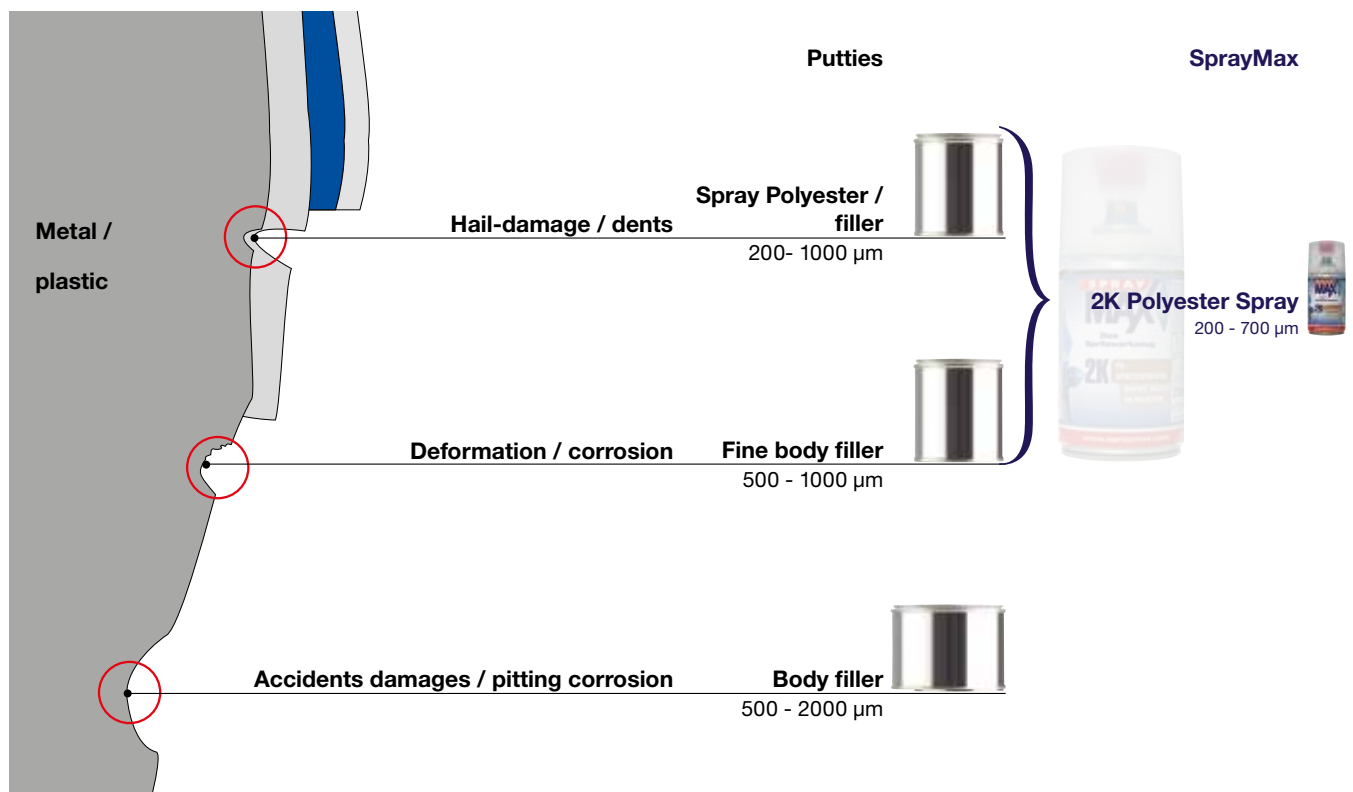
Fields of application

- Automotive, Refinish
- Train, rail
- Marine
- Trailers ; recreational vehicles
- Fiberglass building elements
- Plastic cabinets
- Blades of wind energy power station

Substrates (properly treated)

- Steel
- Zinc coated steel
- Aluminum
- Old paints, sanded
- Putties, Bodyfiller
- Glass Fibre reinforced plastics

Damage areas and roughness

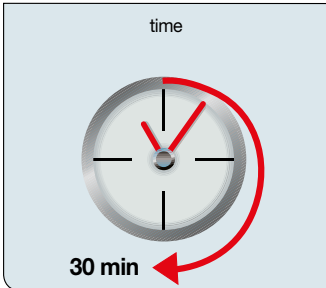


SprayMax 2K aerosol can

Comparison of Parameters

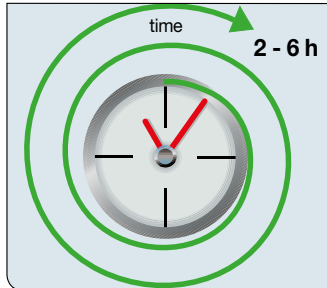
Potlife / Application time

2K Polyester Filler



Limited potlife

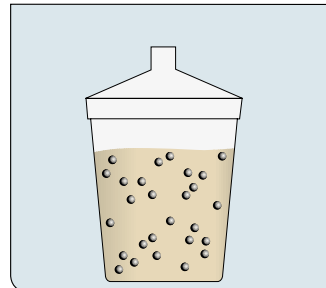
SPRAY MAX 2K Polyester Filler



Extended potlife

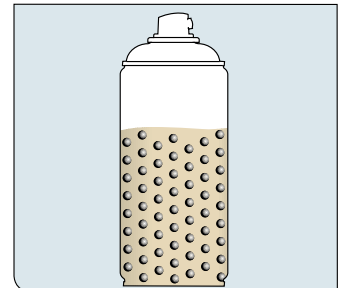
Homogenization PE / Peroxide

2K Polyester Filler



Inhomogeneous

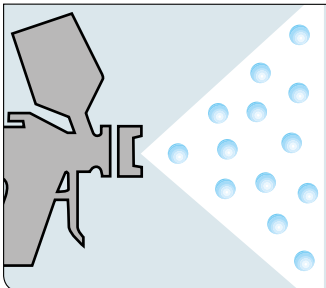
SPRAY MAX 2K Polyester Filler



Homogeneous

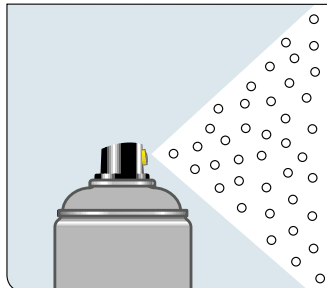
Application

2K Polyester Filler



Air / Oxygen

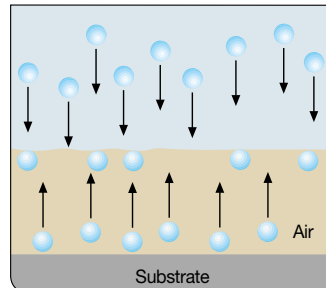
SPRAY MAX 2K Polyester Filler



Propellant inert / no Oxygen

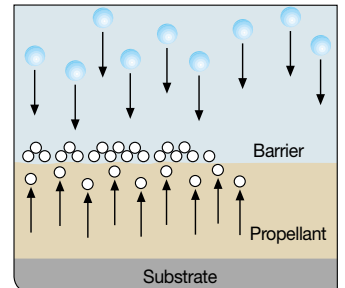
Drying

2K Polyester Filler



Exchange of air / oxygen

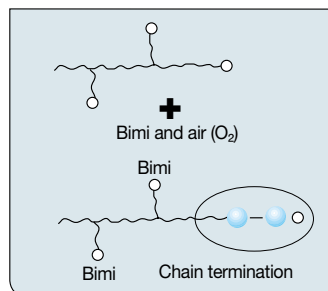
SPRAY MAX 2K Polyester Filler



Inert atmosphere, penetration of oxygen is limited

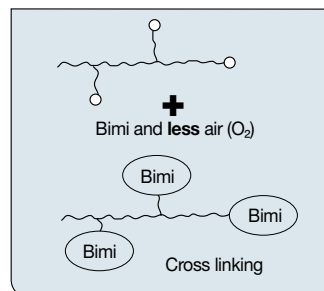
Reactivity / Crosslinking

2K Polyester Filler



Polymerization is stopped by oxygen
Bimi = Binder

SPRAY MAX 2K Polyester Filler



High crosslinking, high density

2K Polyester Filler

Comparison of Key Parameters

Parameters	2K Polyester Filler Spray Gun Application	SprayMax
Potlife	10 - 30 min	2 - 6 h
Film Thickness	200 - 1000 µm	200 - 700 µm
Drying time (room temperature)	2 h	1 - 2 h
Drying time (IR)	30 - 35 min	30 - 35 min
Sanding	after 2 h	after 1,5 h
Shelf life	12 month	24 month

Advantages SprayMax

Shelflife	> 2 years, not activated
Potlife	4 till 10 times longer than the wet paint
Peroxide	exact ratio; perfect homogenization in the Polyester resin
Reactivity	fast and high; no air, no oxygen
Crosslinking	high density, no air
Skin contact	avoided, no mixing process
Process	no failure, no preparation time and no waste

Application advices

- Only dry sanding; coating is moisture sensitive
- Before top coating, isolate with 1K or 2K Filler
- Sand through areas must be protected with a wash primer, best 2K
- Acid based Wash Primers needs to be isolated by a 1K or 2K Filler before applying 2K Polyester Filler

 **BAM** Federal Institute for Materials Research and Testing (Germany)

Certification AZ 2-1776/2014 after UN 1950 for pressure packeging

Results:

All tested samples (activated and not activated) by 50°C temperature have shown no significant pressure increase and fulfill the requirements for transportation for dangerous goods

The tested samples show no measurable Temperature increase after activation and no dangerous reaction.

Technical Data



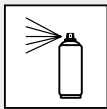
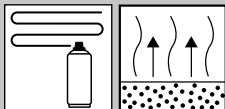
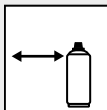

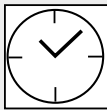
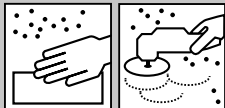
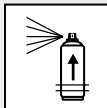
FIELDS OF APPLICATION

Recommended for:
Parts and spot-repair

Material / chemistry:
Polyester / peroxide catalyzed

Substrates:

Bare sheet steel, cleaned and sanded, primed nonferrous metals, Aluminium, galvanized plating, cleaned and sanded old paintwork, GRP and with Polyesterputty worked on surface,
Do not use on thermoplastic paint, 1K Primer and Washprimer. Aluminium and galvanized substrates must be isolated with a Primer/Filler (SprayMax 680033)

Pre-Treatment		Remove rust if necessary. Sand surface - clean & degrease. Only apply on dustfree and dry substrates.
2K Activation		Before activating, shake aerosol for 2 minutes vigorously. Take red button from cap. Turn aerosol by 180° and attach button to pin on aerosol bottom. Place aerosol on firm ground - upside down. Press red button with the ball of your hand until stop is reached. Shake for 2 minutes after activation.
Preparation		Spray to test. Check color and compatibility.
Spray passes		2 - 5 = 100 - 450 µm dry film thickness. Intermediate flash off time: 5 min Coverage (theor.): Approx. 0,25 m ² / aerosol at approx. 200 µm dry film thickness.
Spraying distance		25 cm.
Drying (20°C)		Spray applications: 1 - 2 Dry film thickness: approx. 250 µm dust free: 15 min Drying stage 1 to DIN 53150 To be sanded after: 2 - 4 h (depending on film thickness).
Drying (20°C)		Flash off time 5 - 10 min. 100 % Power: 20 - 40 min, depending on film thickness.
Continue		First grinding: dry P120 - P180 Final grinding before application of the filler: dry, P240 - P280 PE-Materials are moisture sensitive. Do only dry sand.
Pot life		approx. 2 hours at 20 °C The pot life depends on the ambient temperature. Higher temperatures give a shorter and lower temperatures give a longer pot life.

KEY DATA

For further details please refer to the Technical Data Sheet or the Material Safety Data Sheet

2K Polyester Filler

Art.No.: 684 026, 250 ml
light grey



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