

# LOOK FOR THE **RED BUTTON**

ORIGINAL 2K TECHNOLOGY

**6 FACTS  
YOU SHOULD  
KNOW  
ABOUT 2K**



# 1

## WHAT IS THE SPRAYMAX 2K TECHNOLOGY?

The brand SprayMax is a synonym for professional applications using paint from aerosol cans. 2K stands for **two components**. They are stored separately from each other in the spray can. Directly before use, by the activation of the spray can, the two components are mixed together, creating the desired chemical reaction after spraying. Only original paints of the well-known manufacturers are used.

For professionals, there are further arguments making SprayMax technology equal to a spray gun application:

- ✓ **OEM approved**
- ✓ **Always correct mix ratio**
- ✓ **Closed system against oxygen and moisture**
- ✓ **Easy to use**
- ✓ **Always longer potlife**
- ✓ **No prep and clean**



# 2

## WHAT ARE THE ADVANTAGES OF A SPRAYMAX 2K AEROSOL?



UV/Weather resistant



Salt and acid resistant



Scratchproof



Petrol and solvent resistant



Extremely resistant



Prevent corrosion

**OR SIMPLY:**

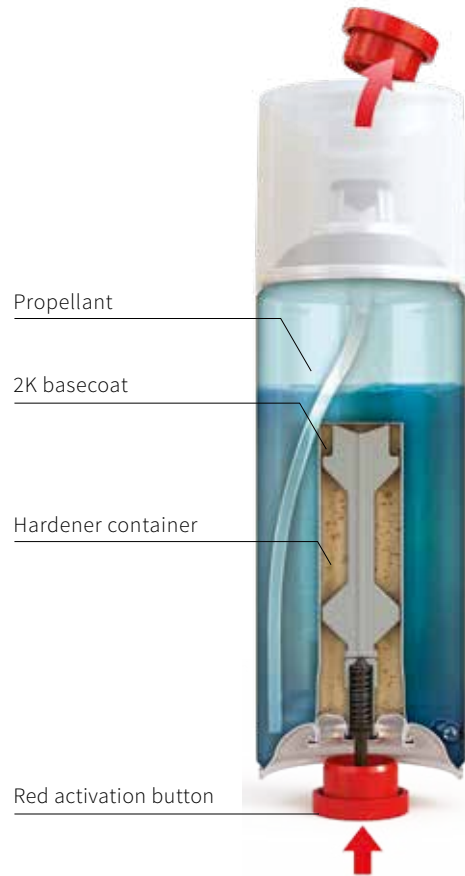
**A paint surface that in appearance and gloss satisfies all the criteria of a professional finish.**

# 3

## WHAT ARE THE 2 COMPONENTS IN AN 2K AEROSOL CAN?

The 1st component is the **paint**. Depending on the application, this could be a primer, an industrial / automotive topcoat, clearcoat or specialty coating.

The 2nd component is the **hardener**. It ensures that the coating cures after application, cross-links, and becomes very hard and resistant.



# 4

## HOW LONG CAN YOU STORE A 2 COMPONENT SPRAYCAN?

The spray can is stable for **several years**. This only works if the 2 components have not yet been mixed, i.e. the spray can has not yet been activated. As soon as it is activated, the paint and hardener are mixed together so that the chemical reaction starts, the cross-linking begins.

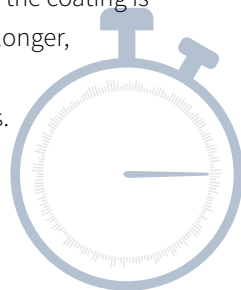
The curing of the paint takes place not only on the painted surface, but also in the spray can. However, this happens much slower in the can. Pot-life varies from 1-4 days, depending on the product.

Detailed information about the pot-life is provided on the individual product cans and on the technical data sheet.

# 5

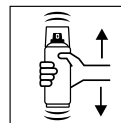
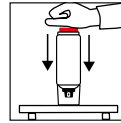
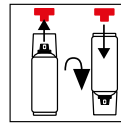
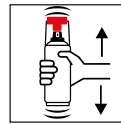
## WHAT ELSE MUST BE CONSIDERED?

The time needed for surface or physical drying is comparable to conventional 1-component sprays. After just **20-30 minutes**, the surface is „touch dry“ and the coating is complete. The cross-linking reaction of the 2K system, however, takes longer, so that the desired results of the applied coating are achieved in the following **1-3 days**. The paint is fully scratch-resistant after 48-72 hours.



A 2K spray needs an additional step before you can use it.

- Before activating, shake can thoroughly for 2 minutes again from when the mixing balls are heard
- Remove the red button from the cap and turn the can by 180° and fit the button onto the pin
- Place the 2K aerosol on a firm surface and press the red button with the palm of your hand until it clicks.
- After activating, shake can again thoroughly for 2 minutes



We tested our SprayMax 2K clearcoat against a **so-called** 2K clearcoat without pot life.

SprayMax 2K Clear coat



„2K Clear coat“ without Potlife



Result of painting after 8 days of complete curing: both surfaces look identical for the time being.

Test: **the left** side of each shape was exposed to gasoline and common solvents for 5 minutes.

SprayMax 2K Clear coat



Surface and gloss stay the same after treatment.

„2K Clear coat“ without Potlife



The surface and gloss appear much more matte, and the paint is damaged.

6

THE MOST IMPORTANT THING AT THE END:

NOT EVERYWHERE IT SAYS 2K ARE YOU GETTING 2K!

In chemistry the term 2K (2 components) stands for chemical systems where the reaction is caused by mixing two previously separated chemicals. There are and always have been coatings that show a chemical reaction even after physical drying, which happens over a longer period of time. This determines the final quality of the coating, e.g. alkyd resin coatings. Humidity can also cause further reactions to certain coatings. The quality of such systems can be acceptable, depending on the application, but they cannot compete with a true 2K system. For example, the alkyd coatings mentioned above tend to turn yellow. Moisture-curing coatings often show loss of gloss and clouding when exposed to weathering. The coating result also depends on the environmental conditions.

## SUMMARY:

**Only with a SprayMax 2K aerosol you will get a professional result which corresponds to the quality, characteristics and consistency of the original paint.**

# ...AND HERE IS OUR 2K TOP SELLER



BEST IN CLASS!

## **SPRAYMAX 2K CLEAR COAT**

high-gloss, UV and  
weather-resistant clearcoat.

- Maximum resistance to abrasion and scratching
- Very smooth flow
- Lasting high gloss
- Very good polishing ability
- No color deviation
- Highest vertical stability



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