



PATENTS PENDING

**THE 1ST IN THE WORLD
IN ONE CAN**

**2-COMPONENT
SPRAY PAINT**

2K SPRAY PAINT

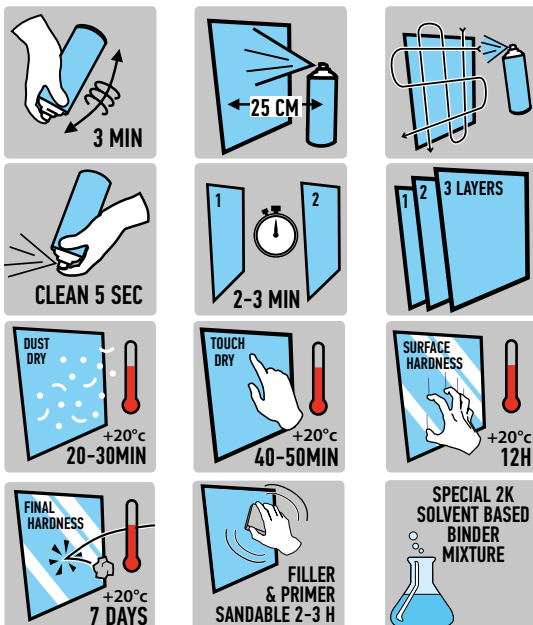


HIGH COVERAGE **STRONG BOND** **VERY HARD** **PETROL RESISTANT**

MATERIAL



HARDNESS



CAR-REP® 2K is a true revolution by making 2-component painting as easy and user friendly as painting with any ordinary 1-component spray paint. When sprayed, the chemical hardening process takes immediately place in atmospheric pressure. This ensures that Car-Rep® 2K has the same characteristics in terms of adhesion, corrosion, scratch and chemical resistance as traditional 2-component paint systems, where the paint and the hardener have to be pre-mixed.

Car-Rep® 2K bonds on almost any surface; metal, aluminum, galvanized metal, copper, chrome, wood, stone, ceramics, glass and most plastics. It bonds also on previously painted 1-component or 2-component paint surfaces such as acrylics, PU, epoxy and powder coating.**

Car-Rep® 2K does not need to be activated by puncturing the hardener can. It is always ready for use, as many times as needed and with a shelf life of several years.

This opens a window for professionals and consumers to use a high quality 2-component product without the use of complicated air driven equipment. There is no production of waste, no cleaning, in other words **THE EFFICIENT SOLUTION.**

** On dry surface (previous paintwork completely hardened.) Some alkyd paints might react with Car-rep® 2K. Test before applying.

BINDER
Special 2K solvent based binder mixture

DEGREE OF GLOSS (DIN 67530 60 °):
matt 0-25 gloss units
satin 35-50 gloss units
gloss 80-100 gloss units

HEAT RESISTANCE: 150 °C
STORAGE STABILITY: 36 months

EU VOC-CONTENT: Paint: VOC 718 g/L
Clear Coat: VOC 744 g/L

RECOAT: always, 2-3 minutes in between layers

SIZE: 150ml, 400ml

SALES QTY: 6 pcs

For more information see technical information sheet.

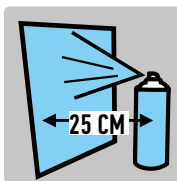
Information valid at 20°C, relative air humidity 25% - 75%

TECHNICAL INFORMATION SHEET

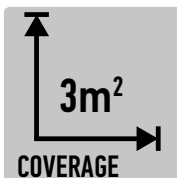
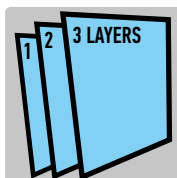


2K Colors, 2K Clear Coat, 2K Primers, 2K Filler

www.car-rep.fi

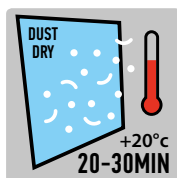
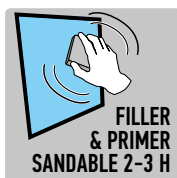


- Shake app. 3 min. before use.
- Clean surface with a proper solvent.
- Spray distance app. 25 cm.
- Optimal conditions of use:
 - Temp 18-25 °C
 - Humidity: 25-75 % relative humidity
- Use in well ventilated areas.



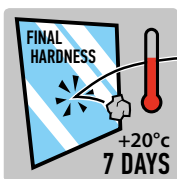
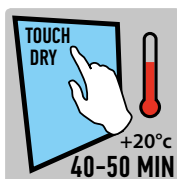
- Spraying several thin layers is better than one very thick layer
- Always spray in cross layers
- Coverage app. 3 m² (covering layer painted metal surface)

Primers and fillers

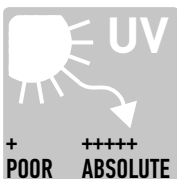
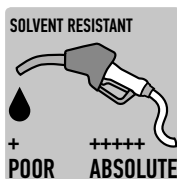


- **Primers and fillers sandable after 2-3 hours one and a half cross layers, thicker layer will have an impact on drying time.**
- Dust dry in app. 45 minutes.
- Clean the valve and actuator by spraying the can upside down for app. 5 seconds.

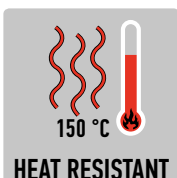
Paints and clear coats



- Touch dry <60 min. Baking in 60°C 20 min after solvents have evaporated.
- Final hardness and solvent resistance after app. 7 days. Pencil test 6H passed.
- Avoid contact with water within 36 hours. Water might cause mattening of surface.



- Solvent resistance +++++
- UV resistance +++++
- Hardness, Pencil hardness (H6 passed) according Koenig > 125
- Adhesion Positest > 550 psi: ATSM D4541/D7234, iso 4624/16276-1 AS/NZS 1580.408.5



- Flexibility after 7 days bendable more than 90° without cracking
- Heat resistance 150°C
- Degree of gloss (DIN 67530 60 °):
 - matt 0-25 gloss units
 - satin 35-50 gloss units
 - gloss 80-100 gloss units

Film thickness dry paint layer

- Primers 1,5 X layer 30 micron
- Filler 1,5 X layer 50 micron
- Colors 1,5 X layer 20-25 micron
- Clear coat 1,5 X layer 10-15 micron