

**TECHNICAL DATA SHEET**

Revision date: 06.12.2021

**CERAMIC SHIELD 9H PROTECTION**

<b>Article number:</b>	<b>49761</b>
<b>Colour:</b>	colourless to slightly yellowish
<b>Intended use:</b>	Car refinishing product/ Surface protection
<b>General characteristics:</b>	Chamäleon Ceramic shield 9H protection is a highly effective surface protection to recondition and to seal different surfaces.

**Characteristic features of application and surface protection:**

Ceramic shield 9H protection is applied in a very thin layer and polished thoroughly after a short drying time (protective film must dry to a matt finish). The resulting, very thin protection film is almost invisible but nevertheless assures an excellent sealing and reconditioning effect and offers a high-quality paint finish.

Its special formula provides a protective function similar to ceramic which leads to very high mechanical and chemical resistance. Especially the use on paint surfaces is to be emphasized, as the protective coating with Ceramic shield 9H protection has the following effects:

- excellent reconditioning effect (restores the gloss of time-worn looking surfaces)
- very good scratch resistance (corresponds to highest pencil hardness 9H "extreme hard")
- water-repellent effect
- easy-to-clean effect
- durable protection against weathering, UV radiation and mechanical stress

Beside painted surfaces, metal surfaces can also be sealed with Ceramic shield 9H protection.

**Spreading rate:** per vehicle (medium-sized passenger car) ca. 25 ml

**Manual for a set consisting of:**

- 1 x 50 ml Chamäleon Ceramic shield 9H protection
- 1 x microfibre cloth
- 2 x application sponges

**Painting preparation process:**

**Hardener:** -

**Mixing ratio:** -

- **Dilution: -**  
**Spraying viscosity 4 mm DIN: -**  
**Pot life at 20 °C: no pot life if stored air-tight**

**Processing conditions:**

from 5 °C up to 30 °C, and 30 % up to 80 % relative air humidity. Ensure adequate ventilation.

**Processing instructions:**

Do not use on heated surfaces. Do not apply in direct sunlight. Please note that the product must be applied in a clean environment. Through drying depends on the prevailing humidity.

**Pre-treatment:**

Attention: Before applying Ceramic shield 9H protection, it is very important to clean the surface very thoroughly in order to guarantee an effective and durable protection. Dirt, impurities, residues of polish and wax as well as grease and lubricating films must be removed completely.

The surfaces to be treated must be free from dust and dry during the application. It is recommended to apply Ceramic shield H9 on hard-to-reach places before applying it on larger surfaces.

- Shake the bottle with Ceramic shield 9H protection very well before use.
- Put some drops of Ceramic shield 9H protection on the sponge. We recommend pressing the application sponge on the opening of the bottle and turning it quickly over so that only a small quantity is sucked up by the sponge.
- Apply a very thin layer of Ceramic shield 9H protection and spread it out evenly on the surface. To assure a very homogeneous result, it is necessary to apply this product without lab marks.
- After 3 minutes drying time at 20 - 25°C, polish the, now dried to matt finish, film using the microfibre cloth and polish in a circular motion until an even, glossy finish without streaks is achieved.

**Drying time:**

Thoroughly polish up Ceramic shield 9H protection after about 3 minutes of drying at 20 - 25 ° C.

Higher processing temperatures reduce the drying time.

During the first 8 hours of drying, the sealed surface should not come into contact with water or excessive moisture, as this would adversely affect the protective function.

After curing completely, Ceramic shield 9H protection can be removed only by polishing.

**Multiple use:**

In order to achieve a higher protective function or to improve the reconditioning effect, it is possible to apply Ceramic shield 9H protection a number of times. In this case observe an intermediate drying time of approx. 20 - 30 minutes after the removal of excess.

■ **Care instructions:**

By sealing with Ceramic shield 9H protection, painted surfaces are durably and efficiently protected. To ensure a long-lasting protection function, the subsequent paint care must always be carried out gently. We recommend washing your car only with water and car shampoo using a microfibre cloth or a soft sponge.

**Expected lifespan:**

Depending on operational stresses, frequency and intensity of car care/ car wash, impacts of UV radiation and weather influences, the lifespan ranges from one to several years.

**VOC regulation:**

EU limit value: Category B/e 840 g/l  
This product contains max. 683 g/l.

This release replaces all eventually earlier issued versions.

For additional information, not contained in this Technical Data Sheet, please contact the supplier via:  
[info@chamaeleon-produktion.de](mailto:info@chamaeleon-produktion.de)

For safety information, please refer to the corresponding Safety Data Sheet.