



# LIQUID CRYSTAL PRO 9H

**AQUASHIELD S.R.L.**

+40 729 278 276  
office@aquashield.eu  
www.aquashield.eu

5 | Gheorghe Doja street  
410163 | Oradea | Romania

## DESCRIPTION

The ultimate ceramic Nano coating offering increased protection, high levels of gloss and a super hydrophobic effect up to 5 years.

Designed especially for the Automotive industry with large applicability also in Aero or Marine industry. Its mineral base Nano structure seals off the treated surface and its self-assembling technology creates a very thin yet very strong and durable shield against scratches, swirls, contamination. The super hydrophobic effect works by repelling water and prevents adhesion of foreign matter on the surface. (Easy to Clean effect). An ultra-thin and invisible coating forms on the treated surface. As a result, dirt particles cannot penetrate the matrix of the surface. Water runs off easily from the treated surface and dirt and dust are washed off by rain or when rinsed with water. Unlike traditional coatings like wax products that cover the surface structure, creating a thin layer of non-stick chemicals, the ceramic nano coating follows the contours of the surface right down to the nanometer level. It protects the surface against stubborn stains from calcium and salt, bird droppings or swirls. The coating is long-lasting. It is UV and change temperature steady. It cannot be removed by water, standard cleaning tools, high pressure equipment. Its high chemical resistance protects against acid or alkaline substances with PH 2 up to 13 which makes it the perfect invisible high gloss protection for any vehicle.

## RECCOMENDED SURFACES

- Car / Boat body parts except glass parts
- Painted surfaces
- Polyurethane parts



## PRODUCT FEATURES

- Prevents calcium / salt deposits
- Prevents dirt and grime adhesion
- Long-lasting
- UV resistant/Temperature steady
- Self-Cleaning Effect
- Prevents swirls and scratches

## RESISTANT TO

- Water
- Humidity/Oil
- Acid and alkaline (PH 2 – 13)
- Abrasion (up to 9H on Moss scale)
- Hydrolysis
- Extreme temperatures -30 / + 250 C

## TECHNICAL SPECIFICATIONS

SUPPLY FORM:	liquid
COLOUR:	Light yellow, transparent
DENSITY:	approx.0,98 at 25°C
FLASH POINT:	Not applicable
STORAGE:	between 4 and 20°C
APPLICATION:	between 5 and 28°C

## SURFACE PREPARATION

Surfaces must be dry and free from dirt, grit, dust, grease etc. including from finger and handprints. A proper surface preparation guarantees the full performance of the product. **Aquashield Cleaner – Surface Preparation** recommended before application. DO NOT touch the surface with empty hands after preparation.

## DIRECTIONS FOR USE

It is most important that there is no water on the surface prior the coating application. Wipe these areas dry first. Ensure the surface is free of any previous residue of the cleaner. DO NOT use the same cloth as used for cleaning, for the coating application. Use a dry soft and clean cotton towel, micro fiber cloth. The application takes place in a processing step, whereby the coating is applied by a spray and wipe method. Apply a small amount and polish in the wet treatment with a circular overlapping polishing motion, treating section by section. Spray the next area and repeat the process. Ensure the whole surface gets treated. Alternatively, the treatment can be sprayed onto the towel or a cloth and polished into the surface in the same manner. Treat only small sections at a time and ensure the whole surface

is treated evenly. Check the treated area for any streaks, residue or product splashes and wipe them off. Please read the **Application Directions prior to use.**

## CURING TIME

The ceramic coating hardens on the surface between 4 and 24 hours. The curing is a self-assembling process and not a drying process. It becomes fully harden after 24 hours after the application. It is recommended to avoid humidity or washing the treated surface up to 7 days depending on climate and weather condition.

## CONSUMPTION / COVERAGE

Consumption is between 2 and 4 ml/m<sup>2</sup>. It Depends on the condition of the substrate. Consumption rates are guidelines only.

## TOOLS CLEAN UP

Once harden on any surface it becomes impossible to remove with standard equipment. The application pad or microfiber should be washed thoroughly with clean water, immediately after the application is finished. Microfiber towels may be machine washed with regular detergents.

## STORAGE / SHELF LIFE

Keep in a cool dry place. 2 years for an unopened original container. Opened product should be used as soon as possible.

## PRECAUTIONS

READ ALL SAFETY DIRECTIONS AND WARNINGS ON PACKAGING BEFORE USE. REFER TO MATERIAL SAFETY DATA SHEET FOR HANDLING PROCEDURES. Provide adequate ventilation if applying in a confined area. Adequate protective personal equipment should be used. Please read the Material Safety Data Sheet.