AC OPTICOAT 6615 / AC OPTICOAT 5800 N

AC OPTICOAT 6615 and AC OPTICOAT 5800 were developed as a two coating system for the protection of the surface of optical glass in fine optical industry. This system has the advantage that the coatings after processing of the glasses can be de-blocked by shock-freezing.

AC OPTICOAT 6615 remains on glass surface while AC OPTICOAT 5800 N adheres to the pitch. According to our finding, this two coating system also reliably protects sensitive glasses. In addition, pre-cleaning baths are not contaminated by pitch etc.

Use recommendations:

AC OPTICOAT 6615 and AC OPTICOAT 5800 are applied in sequence (consider precedence!) onto the glass either with pencil or with spray gun. For each of the two lacquers, a drying time is recommended (depending on the thickness of the protective coating applied) of at least 30 minutes. Both coatings can be adjustedto the desired viscosity by using ACESOLVE 6615 and ACESOLVE5800.

After processing the glasses are placed in a cold box of least –18 °C. After approx. 1 hour the separation of the two protective coatings is complete and the glasses can be taken off the tray manually.

The lacquers are soluble in the following solvents:

AC OPTICOAT 6615	AC OPTICOAT 5800 N
Methyl ethyl ketone	Solvent naphtha
Butyl acetate	White spirit
Acetone	Butyldiglycol (50 °C; Ultrasonic
Butyldiglycol (50 °C)	bath)

Both lacquers are also soluble in chlorinated hydrocarbon solvents.

With these solvents translucent solutions are reached without appreciable sludge formation.

Storage

Stored in well closed containers at temperatures between 5 and 25 °C the minimum shelf-live of AC OPTICOAT 6615 and AC OPTICOAT 5800 is 1 year.