



OPTICAL XII

Alkaline liquid, used in ultrasonic processes to remove aluminium oxide, cerium oxide, finger prints, and dust, prior to Hard and A.R. coatings.

COMPATIBILITY:

- Low index lenses (CR39, Polycarbonate)
- High index lenses (1.6 - 1.7)
- Mineral lenses
- Ophthalmic substrates
- Non sensitive precision substrates
- Sensitive precision substrates (Class 1 to 3)

COMPONENTS:

- Surfactants, phosphates
- Chelating agents

PHYSICO-CHEMICAL DATA:

- pH concentrated: 11.3
- pH (1%): 10.5
- Density: 1.466
- Surface tension: 38.5 mN/m

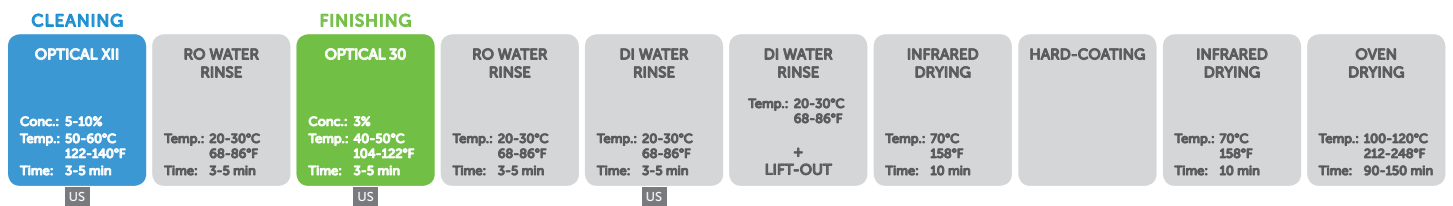
INSTRUCTIONS FOR USE:

The baths must be prepared in demineralised water. Optimum use conditions may be affected by the quality of the water used in the baths, as well as the type and quantity of contaminants.

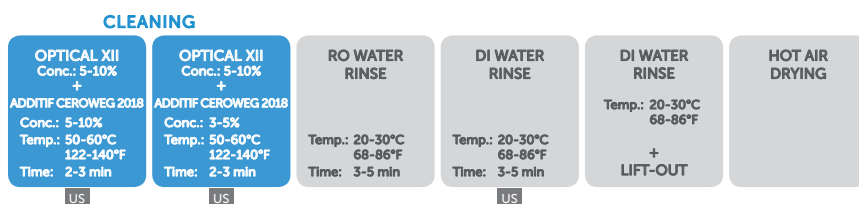
- Concentration: 3 to 5%
- Temperature: 25 to 60°C (77 to 140°F)
- Time: 2 to 3 minutes

PROCESS EXAMPLES:

Surface preparation prior to Hard-Coating:



- Cleaning mineral or organic glasses after surface grinding and before inspection:



If you have any questions, please contact our Application Centre on: +41 22 365 46 66

BENEFITS:

- Perfect removal of surfacing residues
- Efficiently breaks down contaminants
- Excellent surface wettability
- Perfect compatibility with Polycarbonate
- Improves the hard-coat adhesion
- Effective before vacuum metallization or antireflection coating
- Universal cleaning in soaking and ultrasonic processes

STORAGE CONDITIONS:

- Keep the recipient hermetically sealed between 5°C and 40°C (41°F and 104°F) in a dry place.
- Always keep in packaging made from the same material as the original packaging.

02/03/18

