

# TechniClear 1400 Super C

## High-performing Cataphoretic Lacquer



## High Solid Content Cataphoretic Lacquer for Decorative and Industrial Applications

**TechniClear 1400 Super C** is a high solid content lacquer that has been formulated to give excellent chemical resistance.

TechniClear 1400 Super C exhibits excellent adhesion to all metals and does not yellow when used on silver. This product also provides excellent solvent resistance, as it can withstand over two thousand acetone rubs.

Highly protective, this hardened finish provides long wear resistance and exceptional durability and is formulated for use with our integral pigments.

Designed to enhance and protect, cataphoretic lacquers from Technic are specially formulated for ease of application, consistency of performance, and quality. Technic provides world-class support and outstanding customer service, regardless of the scale of your operation and the quantity of your purchase.

### Features

- Medium/high build cathodic lacquer
- Easy to control
- Excellent bath stability
- Excellent throwing power
- High gloss

### Benefits

- Excellent adhesion to all metals
- Non-yellowing on silver
- Can be used with integral pigments
- Improved solvent resistance
- Low running costs
- Good perspiration resistance
- Compatible with low turnover installations



# TechniClear 1400 Super C

OPERATING PARAMETERS		
Parameter	Range	Optimum
TechniClear 1400 Super C Lacquer	195-205 gr/L	200 gr/L
Bath Solid Concentration	9.0-11.0%	10.0%
Lacquer RI	13-17	
Lacquer Conductivity	500-800 $\mu$ S	700 $\mu$ S
MEQ	32-42	
Permeate RI	2.0-3.0	2.5
Permeate Conductivity	150-300 $\mu$ S	250 $\mu$ S
Operating Temperature	25-30° C	28° C
Cathode Voltage	30-40 V	Depending on plating thickness
Time	30-120 sec	Depending on plating thickness
Anode: Cathode Area	1:2	
Agitation	Constant solution movement	



TechniClear 1400 Super C can be used in conjunction with our Integral Pigments.

Available in a wide range of colors, our integral pigmentation is a process by which pigment is introduced to the cataphoretic lacquer.

Matting agents may also be added to the working solution to achieve a desired non-glossy finish, depending on the application.

Applications of dyes are easy to control, provide consistent color performance, and are offered in a full range of colors.