



Aquacron® Stain-Resistant (SR) Clear Coat



Waterborne thermal-cured PU Stain-Resistant (SR) Clear coat



AQUACRON® waterborne stain-resistant (SR) clear coat offers extremely low VOC content (<150g/L) while exceeding the properties of traditional solventborne systems.

PPG is at the forefront of compliance with environmental regulations and product innovation. PPG *Aquacron* waterborne stain-resistant clear coat complies with the environmental and volatile organic compound (VOC) standards in China (effective Dec 2020).

PPG *Aquacron* SR clear coat is a thermal-cured PU clear coat that is applied on top of the base coat to provide excellent stain resistance and burnish resistance, while imparting a luxurious silky feel to laptops, keypads and ereaders.

Product Benefits

- Provide excellent consumer experience with premium finish
 - Stain resistance to most chemicals
 - Anti-finger print on dark colors
 - Durable burnish resistance
 - Luxurious silky smooth touch feel
- Offers more options for color designs and differentiation
- Low VOC content (<150g/L), compliant with Chinese GB National Standards
- Sustainable option that saves cost associated with reduced requirements for environmental controls

Segment

Consumer Electronics

Suggested End Uses

Laptops

eReaders





Aquacron® Stain-Resistant (SR) Clear Coat



Product Features

- Excellent stain resistance against chemicals including mustard, sunscreen oil, ketchup, permanent marker pen, etc.
- Good anti-fingerprint performance on dark color applications
- High standard abrasion resistance
- Excellent silky smooth touch feel
- Extremely low VOC (<150g/L)

Product Specifications

| Tests | Aquacron SR Clear Coat |
|--|--|
| Pencil hardness | H @765g load |
| RCA | 250 cycles |
| Taber abrasion | CS-10, 300 cycles |
| Gloss retention (crocking abrasion) | dGloss <20% after 40,000 abrasion cycles |
| Chemical resistance (ambient) | No or slight color change |
| Chemical resistance (60C, 90%RH, 168hrs) | No or slight color change |
| Sharpie marker pen resistance | Can be wiped out by wet tissue |
| Denim resistance | No color transfer after 3000 cycles |
| Xenon | dE=0.1 after 300hrs |
| Heat soak | Pass 500hrs @ 60C/90%RH |



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