# TEST RESULTS.

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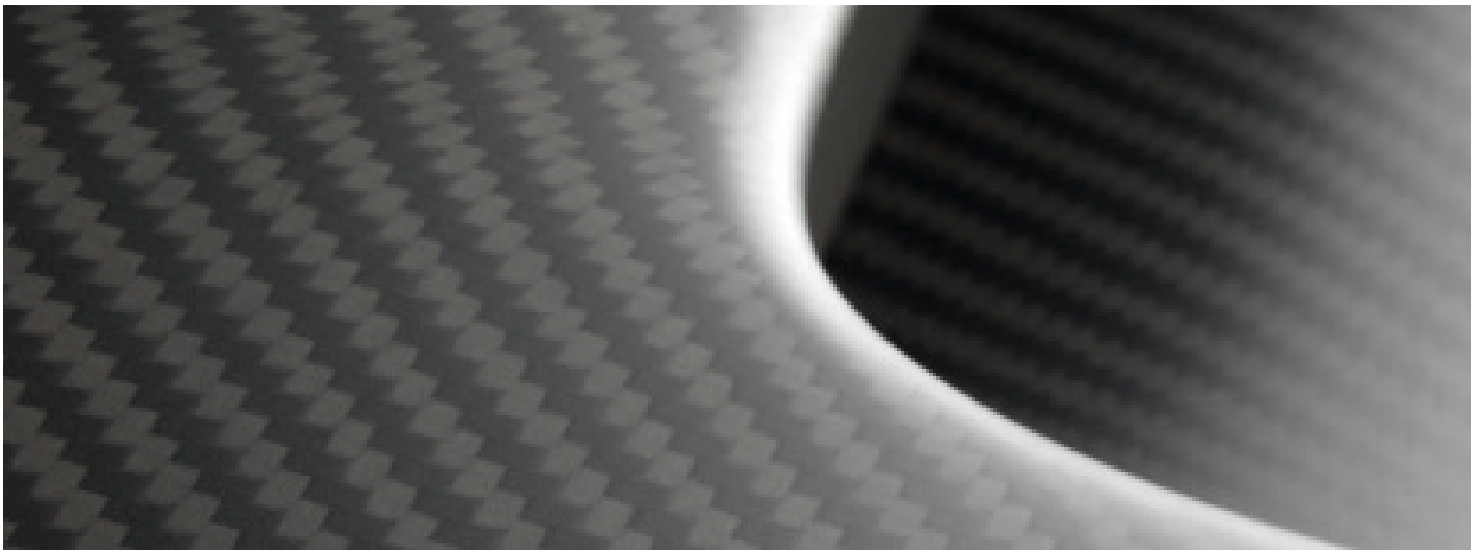

# BERLAC® BASCOCLEAR 54-0131-345 2K CLEAR COAT, MATT.

## IN GENERAL.

| | | |
|---|---|---|
| **Tested in compliance with** | TL 226, unless otherwise stated | |
| **Density** | | 1.063–1.083 g/cm3 |
| **Solid content** | | 58.35+/-2% |
| **Solid content with hardener** | | 50.25 % |
| **Viscosity DIN4** | 100:70 with 19-0400-000 | 20" |
| **Viscosity ready-to-use DIN4** | | 16–18" |
| **Pot life** | | approx. 3.5h |
| **Gloss 85°** | | 24+/-3GU |

## ADHESION ON CARBON FIBRE SURFACE.

| | | |
|---|---|---|
| **Cross cut** | Tesa 4657 | GT 0 |
| **Pressure washer test*** | as per PV 1503 | no delamination, KW 0 |
| **Stone impact test*** | as per DIN EN ISO 20567-1, method B | no delamination, KW 0.5–1 |

* in compliance with TL211_2016-11

## TEMPERATURE RESISTANCE.

| | | | | |
|---|---|---|---|---|
| **Heat aging** (glass plate) | 240h/90°C | 4–5 | GT 0/grey scale | 4–5 |
| | 240h/120°C | 4–5 | GT 0/grey scale | 4–5 |
| | 2h/180°C | 4 | GT 0/grey scale | 4 |
| **Low-temperature aging** (glass plate) | 24h/-40°C | | GT 0/no discoloration | |

## WEATHERING RESISTANCE.

| | | |
|---|---|---|
| **Condensed water atmosphere with constant humidity** | 240h, as per DIN EN ISO 6270-2 | GT 0/no change of clear coat surface |
| **Weathering in humid heat*** | 4800h, as per PV 3930 (corresponding to Florida) | GT 0/OK, DE 0.88 |
| **Environmental cycle test** | 8 cycles, as per PV 1200 | GT 0 |
| **Hydrolysis** | 72h/90°C, at least 97% air humidity | GT 0 |

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## SCRATCH RESISTANCE / ABRASION BEHAVIOUR.

| | | |
|---|---|---|
| **Scratch resistance** | Erichsen hardness test / 10-N load | OK |
| **100 Crockmeter double strokes on dry mesh** | as per PV 3906 | no visible change |
| **100 Crockmeter double strokes on wet mesh (water)** | as per PV 3906 | no visible change |
| **2 000 Crockmeter double strokes on dry mesh** | as per PV 3906 | no visible change |

## CHEMICAL RESISTANCE.*

| | | |
|---|---|---|
| **FAM-test fuel** | as per DIN EN ISO 2812-4, method A | no visible change |
| **E10 gasoline** | as per DIN EN ISO 2812-4, method A | minimal visible change |
| **B7 diesel fuel** | as per DIN EN ISO 2812-4, method A | no visible change |
| **Isopropanol** | as per DIN EN ISO 2812-4, method A | minimal visible change |
| **5% sodium hydroxide solution** | as per DIN EN ISO 2812-4, method A | no visible change |
| **10% sulfuric acid solution** | as per DIN EN ISO 2812-4, method A | no visible change |
| **10% hydrochloric acid solution** | as per DIN EN ISO 2812-4, method A | no visible change |
| **Water(quality grade 3)** | as per DIN EN ISO 2812-4, method A | no visible change |
| **Commercially available nitrocellulose thinner** | as per DIN EN ISO 2812-4, method A | no visible change |
| **Bird feces substitute** | as per DIN EN ISO 2812-4, method A | no visible change |
| **Tree resin** | as per DIN EN ISO 2812-4, method A | no visible change |

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## CLEANER RESISTANCE.

| | | |
|---|---|---|
| **Droplet test** | 0.5% cleaner in water (Pril) | no alteration |
| | 100% glass cleaner (Ajax) | no alteration |
| | Cleaner's naphta, 80–100°C | no alteration |
| | Methylated spirit (ethanol 99%, denatured with 1% methyl ethyl ketone for analysis) | no alteration |
| | Synthetic perspiration, solution A | no alteration |
| | Synthetic perspiration, solution B | no alteration |
| **Abrasion behaviour 10 Crockmeter double strokes** | 0.5% cleaner in water (Pril) | no alteration |
| | 100% glass cleaner (Ajax) | no alteration |
| | Cleaner's naphta, 80–100°C | no alteration |
| | Methylated spirit (ethanol 99%, denatured with 1% methyl ethyl ketone for analysis) | no alteration |
| | Synthetic perspiration, solution A | no alteration |
| | Synthetic perspiration, solution B | no alteration |

## CREAM RESISTANCE.

| | | |
|---|---|---|
| **Sun and hand cream storage 24h / 80°C + 4h / 20°C** | Gloss | no alteration |
| | Cross cut with Tesa 4657 | GT 0 |
| | Visual aspect | OK |

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