



COATINGS



OS 200-A – Abrasive Protection System

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ABRASIVE PROTECTION FOR COMPOSITES

OS 200-A is the surface protection system, which shields your composite parts against the impact of any abrasive media like sand or stones.

Whether in the wheel arch, in the under-floor, splitter or the front and rear bumper, **OS 200-A** increases the lifetime of your parts considerably and hence reduces your spare part costs.

The transparent system protects highly curved surfaces, does not wear or peel off its base and is with our additive repellent to tyre pick-up and dirt.

PROPERTIES:

- UV- and light resistant
- High transparency
- High elasticity and strength
- Self-healing
- Breathable
- Weather-proof
- Long lifetime
- High wear-resistance
- Resistant against solvents, alcohol, petrol, diesel, oil, and cleaning agents
- Water vapour permeability
- Blue-translucent color



TECHNICAL DATASHEET

OS 200-A

OS 200-A is a transparent, highlyexpandable Coating-System. In a multi-level process the self-healing surface film will be joint inseparable with the composite outer skin. The optical appearance is stable, the wearout of the resin system is stopped and the fibre structure protected.

VERSIONS:

- Transparent
- Pigmented opaque
- Bright finish
- Matt finish
- Dirt-repellent
- Flame-retardant

Technical Data

Elongation of brake (DIN 53455-7-3)	> 300%
Tensile strength (DIN 53455-7-3)	41 MPa
Tear propagation strength (DIN 53515)	51 MPa
Viscosity at 20°C	ca. 1800 mPas
Density: - Blue-translucent - Pigmented opaque	1,05 gr./cm ³ 1,35 gr./cm ³
Resistance against frost	down to -40°C
Resistance against heat Version Heat	up to +90°C up to +350°C
Cure time at 20°C	3 days curing time / 7 days fully-hardened
Thickness of film	400µm +/-100µm

**Tested and optimized
based on the Cross-Cut
Test DIN ISO 2409:2007**