

# Technical Information System Carbon Fibre



## Painting of carbon Fibre

Carbon fibre materials consist of carbon fibre fabrics, which are embedded in resins. Such materials are characterized by their high degree for stability at a low density. This is the reason why they are used for expensive sports cars or in aeroplane construction. Sometimes you can find these materials on particular add-on parts of sports motorcycles in serial production. If carbon fibre fabrics are used for the production of car bodies, they are embedded in clear or yellow-colored resins. Single parts of a car body or even complete car bodies of sports cars are produced with this material. We point out that carbon fibre fabrics can be embedded in very different kinds of resin. Add-on parts for the interior, and also the exterior (mirror covers and door handle recesses) in "carbon look" are often offered on the automobile accessories market. Such effects can be achieved with carbon fiber materials where the carbon fibre fabric is still visible through the brown or black colored, transparent, matt resin layer.

<b>Pre-treatment</b>							
	70-10 Silicon Remover 1x	wipe dry	Red sanding pad, soaked with: 70- 10 Silicon Remover	70-10 Silicon Remover 1x	wipe dry	70-45 Cleaner Basecoat 1x	wipe dry

*For addition information on the 40-450 Clear please refer to the baslac (Technical Data Sheet)*

<b>Clearcoat</b>							
	baslac® 40-450 HS Universal Clear VOC	baslac® 50-415, 420 2K Hardener	baslac® 60-05 Speeding Reducer	2 : 1 + 10%	HVLP 1.3 mm 2.0 bar	2 40 – 60 µm	60 min. at 60°C

**Note:** After first application of the clearcoat, visible surface defects (such as pinholes) can be filled manually with a brush. After intermediate sanding with an orbital sander (P400 – P600) or after manual sanding (P800 – P1000), this step can be repeated until the desired result has been achieved.

### High-end finishing (if required)

<b>Pre-treatment</b>					
	70-10 Silicon Remover 1x	Wipe dry	P1200	70-10 Silicon Remover 1x	wipe dry

*For addition information on the 40-450 Clear please refer to the baslac (Technical Data Sheet)*

<b>Clearcoat</b>							
	baslac® 40-450 HS Universal Clear VOC	baslac® 50- 415, 420 2K Hardener	baslac® 60-20, - 30 Reducer	2 : 1 + 10%	HVLP 1.3 mm 2.0 bar	2 40 – 60 µm	30 min. at 60°C

The final result of this application process depends on the quality of the carbon fibre material.

### Safety instructions:

The products are suitable for professional use only.

It cannot be ruled out that this product contains particles < 0.1 µm.

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