



TECHNICAL DATA SHEET

14a Williamson Road, Ingleburn NSW 2565
Phone: 02 9729 2000 or 1300 BC COAT (22 2628)
Email: orders@bccoatings.com.au
Text Orders: 0487 800 090
www.bccoatings.com.au

AT845 PREDATOR – 2K TEXTURE COATING WHITE / BLACK / TINTABLE

EFFECTIVE: JULY 2021

Product Description

PREDATOR IS A FAST DRY 2K HS PU TEXTURE COATING suitable as a bed liner, under body deadener and as an exterior protective texture and barrier coating for all types of vehicles which require high resistance and protection to withstand abrasion, chipping, scratching, marking, impact, etc. PREDATOR has excellent flexibility, scratch resistance, corrosion resistance, water resistance and outperforms all other comparable products for weathering. PREDATOR COMES IN WHITE, BLACK AND TINTABLE VERSIONS and will give varying texture appearance depending on how it is applied. It has excellent filling properties & appearance and is specifically formulated to meet the high-performance requirements of today's Refinish Quality systems. PREDATOR can be AIRDRIED or LOWBAKED. This product gives extra film build, fast drying and delivers excellent adhesion & gloss holdout qualities. PREDATOR is based on the latest PU-isocyanate technology.

Products

- AT845: 2K HS PU TEXTURE COATING-WHITE
- AT845: 2K HS PU TEXTURE COATING-BLACK
- AT845: 2K HS PU TEXTURE COATING-TINTABLE
- AT845: 2K PU PREDATOR TEXTURED HARDENER
- AT845: PREDATOR REDUCER

Properties

- High solids
- Excellent and reliable application properties
- Fast Drying, can be airdried, low baked
- Excellent filling properties
- Excellent appearance
- Good vertical stability (Sag Resistance)
- Excellent adhesion, corrosion, impact resistance, scratch resistance, chip resistance.
- Suitable for use under all Solventborne & Waterborne Basecoat & 2K Topcoats.
- Excellent chemical and stain resistance.
- Excellent UV resistance.



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Product Use

AT845 is recommended for use as a texture coating for all applications requiring a robust texture finish such as bed liner, anti chipping coatings, sound deadener and any area requiring extra protection to harsh mechanical abrasion environments. Can also be applied under Refinish Grade SB & WB Basecoats & 2K Low Baked Enamel Topcoat Systems as well as Acrylic enamel and Iso Free systems. This product can be used for motor vehicle refinishing, commercial vehicles, construction machinery and agricultural equipment. This product can be applied over properly prepared & primed steel, galvanised steel, aluminium (hard & soft), primed & unprimed fibreglass (also GRP & SMC), cured OEM coatings, polyester putties, and ABS plastics. Note: It is always recommended to check performance over plastics before proceeding.

Gloss

Matte

Colours

Black, White & Tintable

Substrates

- Properly sanded or blasted steel
- Properly cleaned or sanded aluminium
- Galvanized steel or stainless steel
- 1K & 2K Etch Primers
- 2 Pack Epoxy Primers
- Cured topcoats, polyester putties, wood, and some plastics (please refer to your Technical Representative if further data is required)
- Fibreglass (Gelcoat, SMC)
- Thoroughly degreased, unsanded or lightly sanded cured E-coat
- Original or old paintwork (except reversible substrates, Example: Acrylic lacquer)

Surface Preparation

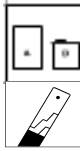
Degrease, sand, clean and dry



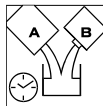
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

Mixing Ratio

	Products	By weight	By volume
	AT845 PART A	100	4
	AT845 PART B	18.6	1

Pot Life

	Temperature (°C)	10	20	40
	Time (h)	3	2	1

Application

Spray Equipment	Application viscosity T-4 at 20°C (S)	Thinner (%)	Spray Nozzle (mm)	Pressure	Number of coats
SCHUTZ GUN	N/A	NIL	N/A	40-70 psi 3-5 Bar 275-480 kPa	2
	N/A	UP TO 20%	1.5~1.9	30 psi 2 Bar 200 kPa	3-4
Texture:	<i>For coarse finish, no thinning required. Thin 10% for medium texture, 20% for fine texture with PREDATOR Reducer. Note: lower pressure gives more texture. Higher pressure gives finer texture.</i>				
Tinting:	TO TINT PREDATOR; ADD UP TO 20% OF THE ACTIVATED 2K COLOUR OR BASECOAT COLOUR REQUIRED. DO NOT ADD WATERBORNE COLOUR TO PREDATOR				
 Flash time between coats	30 minutes				
 Flash time before baking	30 minutes				
Recommended Dry Film Thickness	300 microns				



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Drying

Dry Type	Dust Dry	Dry to handle	Hard dry
Air Drying at 25°C	2 hrs	6 hrs	Overnight
Force Drying at 60°C	60 min		

Physical Data

	PART A	PART B	RTS
Weight Solid	71.6%	50.5%	66.0%
Volume Solids	55.3%	46.7%	52.5%
Density	1.48 Kg/L	0.96 Kg/L	1.44 Kg/L
Flash Point	23°C	23°C	23°C
Theoretical Coverage	4 m ² /litre at 100 microns DFT (RTS)		
VOC	540 g/litre (RTS)		

Shelf Life

PART A: 24 months
PART B: 24 months

The shelf life quoted is based on the shelf life of the product in full and sealed original containers within the normal ambient temperature conditions and other specified requirements.

Safety

Consult the Safety Data Sheet prior to use
Observe ALL the precautionary notices displayed on the container



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Remarks

	Stir the paint thoroughly each time before use, Stir the mixture well after the weigh-out of the components,
	Surface temperature must always be a minimum of 3°C (5°F) above dew point,

Information

The information provided herein corresponds to our knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience becomes available. The data provided fall within the normal range of product properties and relate only to the specific material designated; these data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits or used alone as the basis of design; they are not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of a specific material for your particular purposes. Since BC COATINGS cannot anticipate all variations in actual end-use conditions BC COATINGS makes no warranties and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent rights.

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