

TECHNICAL DATA SHEET

Dekalin is an established name in the automotive and general industry since 1907 and the company has an extensive range of high quality sealants, underbody- and sound deadening coatings, cleaners and adhesives

DEKAPHON BT COAT

Description

DEKAPHON BT COAT is a thixotropic, mineral oil based, corrosion preventive compound.

DEKAPHON BT COAT is intended for use in tanks used for (salt) water ballast.

DEKAPHON BT COAT gives a heavy, oily, translucent film.

Typical Properties

Flashpoint; COC	200	°C
Specific Gravity @ 60°F	0.94	kg/ltr
Recommended Film Thickness	80	microns
Theoretical Coverage @ Avg. Recommended FT	12.5	m ² /l

Viscosity; Brookfield @ 20°C

(at time of manufacture)

@ 2 RPM:	5000	mPa.s (cP)
@ 20 RPM:	2000	mPa.s (cP)

Accelerated Corrosion Tests:

@ Avg. Recommended DFT

Humidity; 100 % RH; @ 40°C; DIN 50 017-KK (DIN 1623 Steel Panels)	100+	days
Immersion in water @ 20°C (DIN 1623 Steel Panels)	200+	days

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Surface Preparation:

The maximum performance of **DEKAPHON BT COAT** can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. It is recommended that the metal substrate temperature be 10-35 °C at the time of product application.

Although these conditions are preferred, **DEKAPHON BT COAT** can be applied to slightly corroded, and damp surfaces. Excess corrosion deposits should be removed prior to application.

Application:

DEKAPHON BT COAT is formulated to be used as supplied. Ensure uniform consistency prior to use. Continued stirring is generally not required. If the product thickens due to cold storage, contact Dekalin. **DO NOT THIN DEKAPHON BT COAT**. Incorrect thinning will affect film build and product performance. It is recommended that the ambient and product temperature be 10-35 °C at the time of product application. **DEKAPHON BT COAT** can be applied by airless spray or brush. **DO NOT FREEZE DEKAPHON BT COAT**. If freezing has occurred, carefully heat the product to above 10°C.

As **DEKAPHON BT COAT** does not contain solvent, curing is not required. Ballasting operations can start directly after application.

DO NOT USE DEKAPHON BT COAT AS A FLOATATION COMPOUND !

Removal:

Although **DEKAPHON BT COAT** is not intended for removal, the film can be removed with mineral spirits or any similar petroleum solvent, hot alkaline wash or low pressure steam.

Storage:

DEKAPHON BT COAT should preferably be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use.

Note:

The addition of any product over or under this coating is not recommended. The use of additional coatings could result in chemical incompatibility, thus affecting the performance of this coating as stated in the Typical Properties section. If a primer, other than a Dekalin recommended product is required, written authorization must be obtained from Dekalin.

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