

Accopon HBA

Accopon HBA is a thermoplastic fluoropolymer coating, commonly used because of its corrosion protection and non-stick properties.

Use

Accopon HBA can be used for a variety of purposes such as reaction containers, pipes, valves, etc. in the chemicals industry and other places where ease of cleaning, problem-free materials transport or the desire to avoid the build up of materials in production equipment are important. The coating also provides excellent corrosion protection for steel and stainless steel, and is often used in situations where a combination of protection against aggressive media and non-stick qualities are required.



Large ring ø 2.2 m coated with Accopon HBA

Technical Information

Accopon HBA is black and has a smooth, glossy finish. In order to achieve maximal attachment, and thereby extend product lifetime, rinse and sandblast the product to be coated prior to coating in order to remove impurities and to ensure optimal attachment. This treatment involves a process temperature of 400°C; please ensure that objects to be coated can withstand this temperature.

Damaged coating cannot be repaired on site but must be returned to Accoat for re-coating.

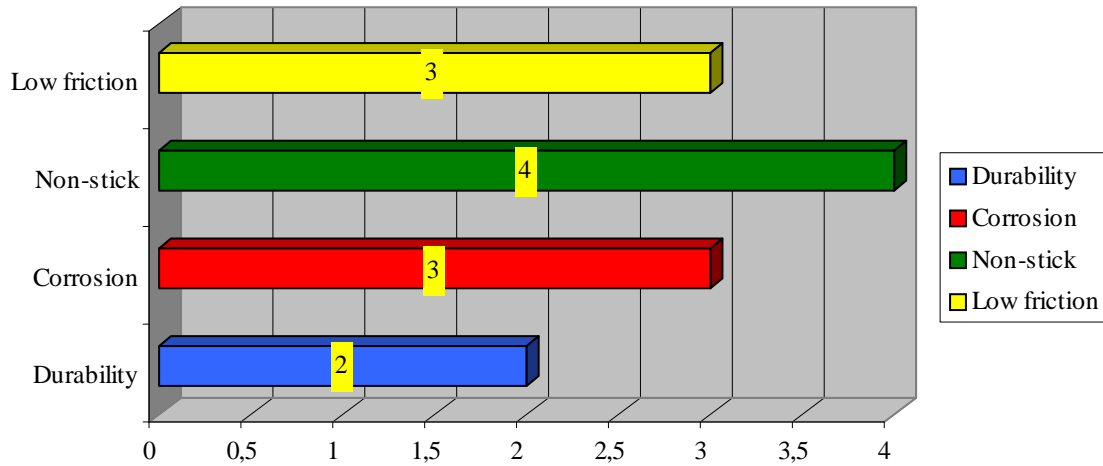
Use of sharp tools and similar equipment can damage the coating.

We recommend that employees who work with coated tools etc. be informed that the coating can be damaged by the use of sharp items such as knives, chisels and screwdrivers.

Samples

We are happy to provide sample plates treated with Accoat coatings free of charge, allowing you to see for yourself whether the coating matches your requirements. Contact our sales department for details.

Significant attributes of Accopon HBA:



1 = Average, 2 = Good, 3 = Very good, 4 = Excellent

Property	Value
Layer thickness (µm)	550 – 800 µm +
Colour	Black
Temperature range	Continuous temperature 205°C
Contact with foodstuffs	Not all the components included are to be found on FDA lists, but the coating passes the required extraction tests.
Materials that can be coated	Steel, stainless steel, aluminium
Limitations	Use of sharp tools will damage the coating

Safety	Heating to over 300°C will result in the release of acidic gases which can be poisonous. Do not weld or perform similar operations on the metal close to coated areas. Old coating is best removed mechanically, e.g. by sandblasting.
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Our recommendations and information are based on laboratory tests and extensive experience and can help guide your product choice, and help you determine which applications are appropriate for the product.

Given that the user's work practices and the use to which the user puts our products are beyond our control, Accoat A/S' responsibility is limited to the products conforming to Accoat standards as detailed in technical data sheets and other sales material. Responsibility for replacement / compensation will under no circumstances extend beyond the price paid for the coating.