

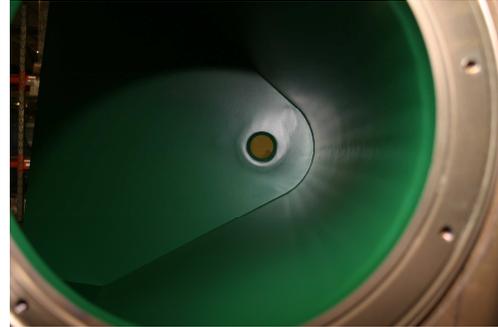
Accopon GF

Accopon GF is a thermoplastic fluoropolymer coating mainly applied to obtain a non-stick effect

Application

Accopon GF is used to an innumerable purposes to meet the demands for easy cleaning and good non-stick properties, for example in the paint, varnish and adhesive industry on mixers, reaction vessels and filters. The good non-stick properties are utilized also on moulding tools to mould for instance polyurethane and foamed polystyrene (Flaminco).

Both cost reduction as a consequence of improved product utilization and gain of time are substantial elements, not to mention the environmental benefits, as the quantity of detergents such as solvents can be reduced considerably.



Machine part coated with **Accopon GF**

Technical information

Accopon GF has a pale green appearance and a smooth and glossy surface. For maximum adhesion and subsequently long life the item is cleaned and sandblasted to remove possible impurities before the coating process itself. Coating is applied to the item in a rather thin layer to ensure that details, patterns etc. are preserved. In connection with recoating Accoat has developed a process to remove old worn-down coatings so lenient that details of the mould are preserved. Please note that local repairs on damaged coatings cannot be made so the item must be returned to Accoat for recoating/repair.

The coating is relatively soft and may easily be damaged with cutting tool etc. We recommend to inform the staff, working with Accopon GF coatings, not to use tools that could cause damage to the coating, for instance filling knives used in the paint and varnish industry.

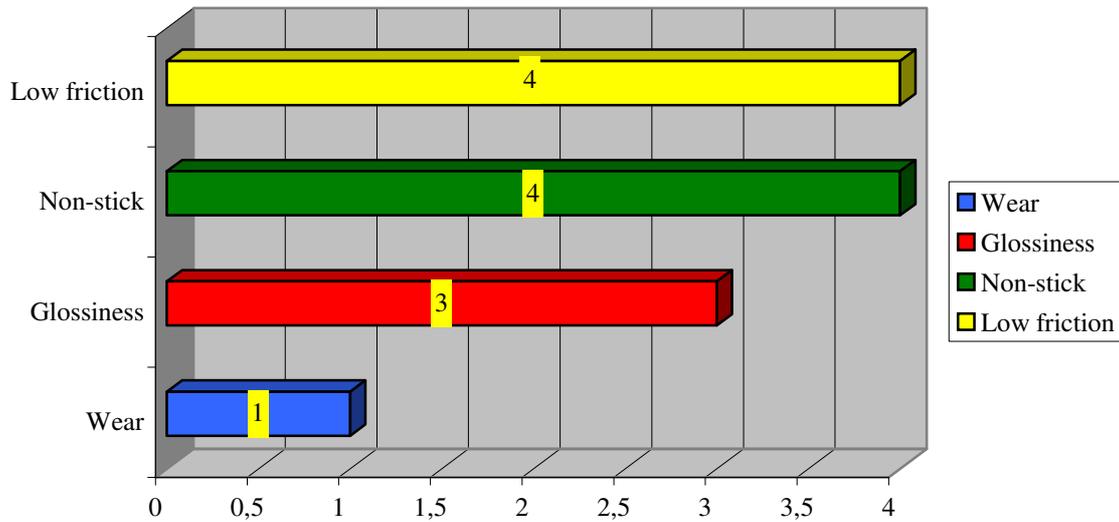
Test plates

We provide test plates free of charge with various Accoat-coatings so as to see and feel the properties relevant and best suited for your particular job. Please contact our internal sales department.



Mixing vessel for paint,
Coated with **Accopon GF**

Most substantiel properties:



1 = moderate, 2 = good, 3 = very good, 4 = excellent

Property	Data
Layer thickness (µm)	20 – 70+
Colour	Pale green
Range of temperature	÷25° - 205°C
Coefficient of friction	Static 0,12, Dynamic 0,08
Contact with foodstuffs	Yes, (acc. to EC 1935/2004)
Resistance to corrosion	A not distinctly corrosion protective coating, but withstands more than 744 hours in a moist closet and passes through a detergent-resistance-test
Materials suitable for coatings	Steel, Stainless steel, aluminium
Limitation	Cutting tool will damage the coating

Safety precautions	At heating temperatures above 300°C acid gases that may be toxic are given off. Therefore, do not weld etc. on metal parts close to the coating. To remove old coating it is advisable to do it mechanically, for example by sandblasting.
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Consultancy and information given are based on laboratory tests and many years of experience and meant as help for you to choose product and application.

As Acccoat A/S has no control over the conditions under which its products may be used, Acccoat A/S can only take responsibility that the coatings live up to the standards that appear from our technical data sheets and sales material. The liability for damage can never exceed the price paid for the coating.