

Accopon 2G54

Accopon 2G54 is a thermoplastic fluoropolymer coating mainly applied to obtain a non-stick effect

Application

For many years the Accopon 2G54 coating has been applied to 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.



Aluminium mould coated with
Accopon 2G54

Technical information

Accopon 2G54 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. Coat 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 has to 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 2G54 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.

Remarks

The datasheet also apply to the following coating:
Accopon 1G54.

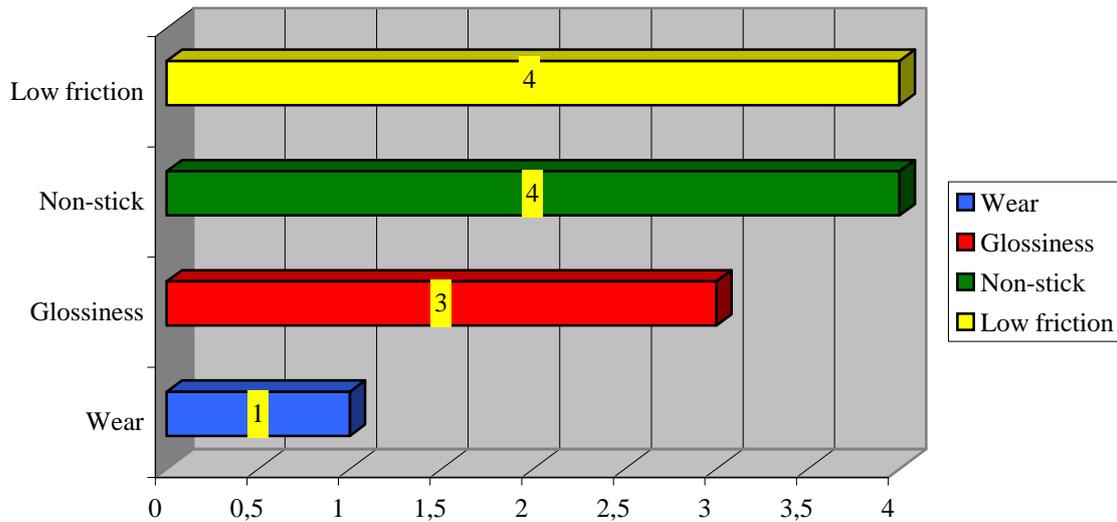
A few technical data may be different.

(Please contact Accoat for further information)



Mixing vessel for paint,
Coated with **Accopon 2G54**

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	205°C continuous, 230°C shortly
Coefficient of friction	Static 0,12, Dynamic 0,08
Contact with foodstuffs	Yes, in some cases (acc. to EC 1935/2004) Contact Acccoat for further information
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 coatings 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.