

DESCRIPTION

Surface coating moulds or parts requiring a good abrasion resistance (foundry patterns, core boxes).

PHYSICAL PROPERTIES				
Composition		RESIN GC2 070	HARDENER GC 10	MIXED
Mix ratio by weight		100	10	
Aspect		thick liquid	liquid	thick liquid
Colour		blue green	light amber	blue green
Viscosity at 25°C (mPa.s)	BROOKFIELD LVT	thixotrop	2200 ± 400	thixotrop
Specific gravity at 25°C (g/cm ³)	ISO 1675 : 1985	1.77	1.00	-
Specific gravity of cured product at 23°C	ISO 2781 : 1996	-	-	1.59

MECHANICAL PROPERTIES at 23°C (1)			
Hardness	ISO 868 : 2003	Shore D1 / D15	88
Flexural modulus	ISO 178 : 2001	MPa	5,500
Compressive strength at yield	ISO 604 : 2002	MPa	100
Glass transition temperature (T _g)	ISO 11359 : 2002	°C	70

(1) : Average values obtained on standard specimens / Hardening 7 days at room temperature

PROCESSING CONDITIONS

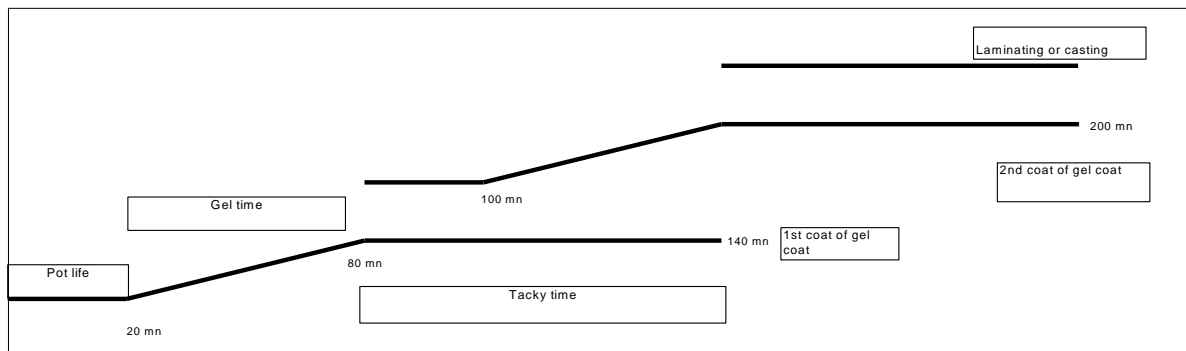
- Apply DEMOLDING AGENT 841 or WAX 827 on a non porous pattern.
- Back-up : EPOLAM 2010 and reinforcements EPO 5019, EPO 5021

HANDLING PRECAUTIONS

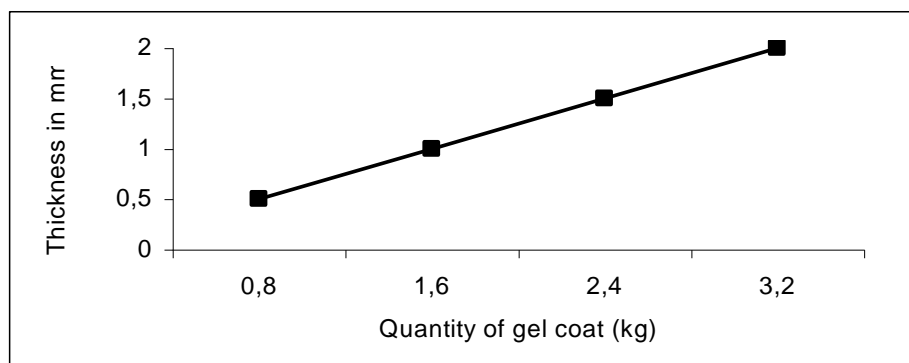
Normal health and safety precautions should be observed when handling these products :

- Ensure good ventilation
 - Wear gloves, safety glasses and waterproof clothes.
- For further information, please consult the product safety data sheet.

**Application diagram of GC2 070 / GC 10
(Application temperature: 23°C- Mass 275 g)**



Quantity of gel coat for production of a 1 m² surface (for information only)



STORAGE CONDITIONS

Use before 12 months according to the manufacturing date. Expiration date indicated on the packaging.
Store the product in a dry place and in its original unopened containers at a temperature between 15 to 25°C.

PACKAGING

RESIN	HARDENER
1 x 10 kg Pack of 12 x 0.5 kg	1 x 1 kg Pack of 12 x 0.05 kg

GUARANTEE

The information of our technical data sheet are based on our present knowledge and the result of tests conducted under precise conditions. It is the responsibility of the user to determine the suitability of AXSON products, under their own conditions before commencing with the proposed application. AXSON refuse any guarantee about the compatibility of a product with any particular application. AXSON disclaim all responsibility for damage from any incident which results from the use of these products. The guarantee conditions are regulated by our general sale conditions.