



Scratch Resistant!

NEW

SENOSON® high gloss acrylic foil

AM1800TopX

- greatly improved scratch resistance, steel wool proven
- no polishing necessary after removal of PE film
- increased UV stability
- high chemical resistance
- re-engineered reverse side for better bonding

SENOSON®

Scratch Resistant!

With the new material quality **senosan® AM1800TopX** we are reacting to the demands of the market to offer this successful quality with enormous depth of gloss from the acrylic now with markedly improved scratch resistance. This applies to all colours, including metallic colours.

To achieve this has meant a major investment in a new extrusion line with In-line coating. Production, of course, takes place in „clean-room conditions“ in order to ensure the tried and tested senosan quality.

The advantages of **senosan® AM1800TopX** are the high scratch resistance (scour resistant) with no need to polish the surface after removal of the protective film, increased UV resistance and a surface with a gloss level and depth as has been highly regarded by customers for over 10 years.

For the future, **senosan® AM1800TopX** will be the standard quality and the other known variations can be supplied to order. The stock material will be gradually changed over during the course of 2012.

Colour number overview **senosan®** stock range!

AM1700X	AM1800TopX (Hardcoat)
white 1298	white 1982
white 1374	white 1994
beige 7315	beige 7496
beige 7349	beige 7497
beige 7368	beige 7498
red 3120	red 3362
red 3216	red 3369
black 8102	black 8421
brown 6270	brown 6300
dark grey 85223	dark grey 85382
orange 9091	orange 9133
violet 4418	violet 4548
grey 85335	grey 85383
grey 85336	grey 85384
black 8378/black metallic 8377	black 8378/black metallic 8427
grey 8636/silver metallic 8663	grey 8636/silver metallic 85385
grey 8855/silver metallic 8854	grey 8855/silver metallic 85387
beige 7408/beige metallic 7407	beige 7408/beige metallic 7499

Optically, the colours in AM1700X and AM1800TopX can barely be seen to be different. With professional measuring methods, however, a difference can be seen. Due to the different properties of AM1700X and AM1800TopX (scratch resistance, UV stability) these qualities cannot be mixed.

Preliminary technical data sheet

SENOSAN [®]		AM1800TopX-11-01 (Hardcoat)	
PRELIMINARY TECHNICAL DATA SHEET	EDITION:04	DATE: 07.12.2011	111207_preliminary_DataSheet_AM1800TopX-11-01_E.doc

CONSTRUCTION	Coextruded, highly scratch and chemical resistant furniture film with high gloss surface		
APPLICATION AREA	For the Flat lamination on different substrate materials for interior furniture.		
DIMENSIONS	Thickness:	0,40 to 1,30 mm	
	Width:	At the moment max 1.030 mm (from beginning of year 2012: width is available to 1.300 mm)	

<u>MECHANICAL PROPERTIES</u>	<u>TESTMETHOD</u>	<u>UNIT</u>	<u>VALUES</u>
Scratch resistance	IHD-W-466	method A	class 1. loss of gloss <20%
Resistance to steel wool (abrasion resistance)	SENO company standard QPA-25-LT	load: 1kg strokes: 20 steel wool type: 00	class 1 no changes or scratches visible
Chemical resistance	DIN 68861/T1	rating group 1 A	
Resistance to dry heat	DIN 68861/T7	°C	75
		rating group 7 D	
Resistance to wet heat	DIN 68861/T8	°C	70
		rating group 8 B	
Behaviour to water vapour	According to AMK module 2	no changes visible	
<u>OPTICAL PROPERTIES</u>			
Top surface gloss	DIN 67 530 (60° glossmaster)		> 85 GLE
Haze	DIN 67 530		<10
Colour fastness, resistance to weathering for furniture indoor application	EN ISO 4892-2 Total colour difference after 200 h Xenon - Test		DE* <1,7
<u>ADDITIONAL</u>			
Surface protection delivery condition		PE-protective film with adhesive layer	50µm
density	DIN 53479	g/cm ³	n.d.
Burning resistance	UL Standard 94		n.d.

SPECIAL ADVICE

The values stated in this document refer to the flat unformed sheets. Because of the influence of the application technology and the core materials used, these values may differ slightly from the finished product.

These instructions for use have been developed by Senosan GmbH in good faith and using its know how and experience as of today. We explicitly reserve the right to change or update these instructions at any time. Further processing and use of the products can have various impacts on the products. Therefore, Senosan does not guarantee or warrant for the fitness, suitability or adequacy of the products for any purpose intended by the purchaser or any third person and shall have no liability whatsoever in this respect. The purchaser has the obligation to test the products and determine itself if the products are fit for the intended use. Senosan shall, neither directly nor indirectly, indemnify and hold harmless purchaser or any third person in the event of any third party claims related to the infringement of intellectual property rights.

Care and cleaning instructions

SENOSON® VP AM1800TopX-11-01

The surface of **senosan® VP AM1800TopX-11-01** is covered with a PE protective film up to the time of use, which means up to the point of everyday use in the kitchen or bathroom. Normally the PE protective film stays on the surface during processing and installation. After removal of the film, the surface is ready for daily use. No additional polishing is necessary.

For cleaning **senosan® VP AM1800TopX-11-01**, normally available cleaning agents can be used.

For special care of the surface, on request we can recommend special polishes.

Important: the use of abrasive effect cleaning agents and scouring agents can cause damage and should be avoided. The surface of **senosan® VP AM1800TopX-11-01** is, however, resistant to very many chemicals. In case of doubt, suitability and resistance should be checked on a sample surface.

