

PICTURE FRAMES

CONTENTS

- page 3** Picture frames coating systems
- page 4** Stains - Basecoats and gessoes
- page 5** Patinas - Topcoats
- page 6** UV coatings
- page 7** Missione - Gilding system with gold paint - Special effects



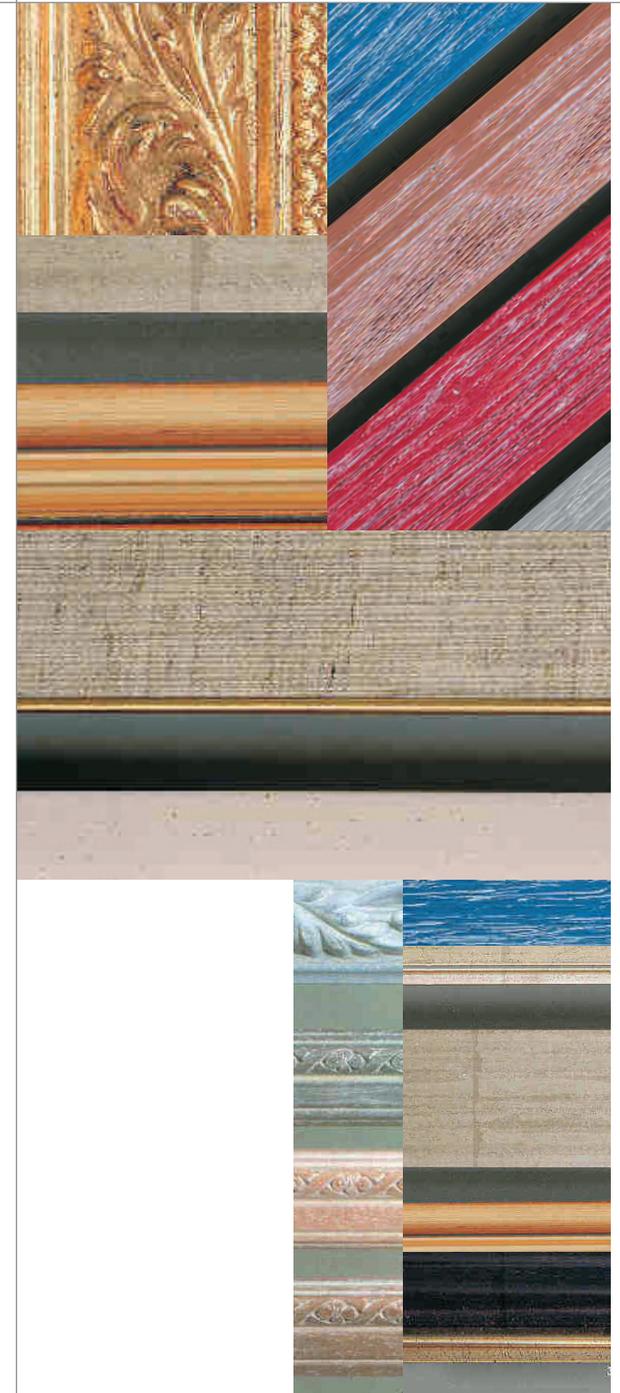
PICTURE FRAMES COATING SYSTEMS

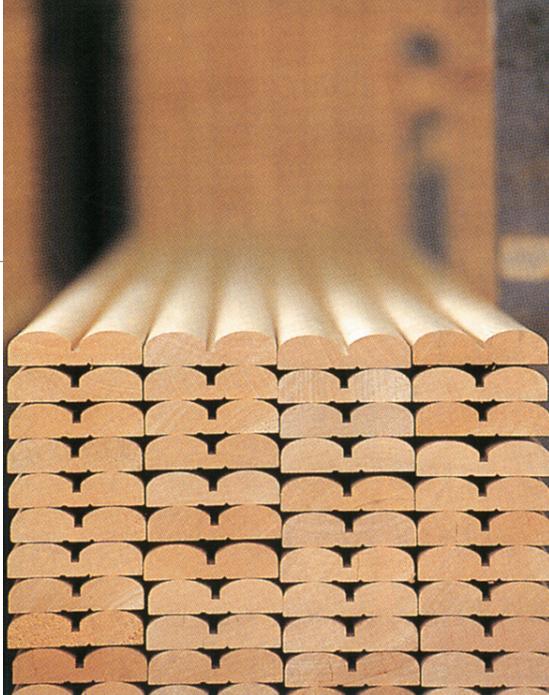
For picture frame coating systems, Sayerlack is always in the vanguard, with respect to the market requirements and customer satisfaction.

This handbook features a wide range of our new products and picture frames painting technologies.

We pay particular attention to picture frame coating systems based on extruder machines and UV drying systems. The products used are almost solvent free, the coating solids contents are 99% +/-1, and enable almost instantaneous drying with no solvent emission into the atmosphere.

Because of the strict regulations limiting the emissions of solvent in the atmosphere, the range of water-based products, both by extruder and by spray, has been increased.





STAINS

Solvent based stains

XM 8000/XX

To obtain a completely transparent coloured effect.

XM 7100/XX

In order to get a harmonizing effect that partially hides the variations of stain of the wood grain.

Waterborne stains

AC 600/XX

Completely transparent with high tinting power.

AC 1810/XX

Semi transparent, high tinting power, harmonizing effect on different woods, excellent light fastness.

BASECOATS AND GESSOES

Transparent basecoats by spray

TU 121

Particularly suitable for mechanical scotch-brite sanding.

TU 160

For manual and mechanical sanding. It provides high build and better scratch resistance.

AU 466

A one-pack waterborne basecoat, with high transparency and build, it ensures long lasting non yellowing properties which do not alter the colour of the wood.

Transparent basecoats by extruder

GT 1127

High solids content barrier basecoat, used on dark Briar-root woods, for high gloss and matt finishing.

GT 1159

Barrier basecoat specific for Ayus and pale coloured Briar-root woods overcoatable with matt topcoats.

GT 1188

Has good wettability and transparency, acts as an adhesion promoter, perfect mechanical sanding by scotch-brite after 24 hours, very good build and grain filling with few subsequent number of coats.

GA 850

High viscosity basecoat formulated with waterborne acrylic resins, with good characteristics of wettability, transparency, speed of drying and sandability.

GS 522

Clear matt self sealer; does not require any intermediate sanding.

Basecoats for spray application

TU 205/13

A polyurethane pigmented basecoat, with excellent mechanical characteristics, superb flexibility and adhesion on wood. Does not drip to the bottom of the picture frames or into convex parts of stamped decorations.

TU 213/13

A polyurethane basecoat with high speed of drying, suitable for scotch-brite sanding.

SU 220/41

A nitrocellulose spray basecoat suitable for manual sanding and especially used for handcrafted works.

Extruder grade basecoats

GT 88/XX

A polyurethane extruder grade basecoat with short drying time, reduced absorption of the following coats of lacquer, excellent adhesion and manual/automatic sandability (scotch-brite wheels).

GT 920/XX

Extruder basecoat without St Andrew's cross labelling, it has a very good build and is easy to sand also mechanically.

GA 810/XX

Waterborne gesso that fills wood pores and wormholes. It is also suitable to fill the slits left by finger joints.

GA 820/XX

Waterborne gesso with better sandability than GA 810/xx.

GA 825/NO

Waterborne colourless gesso that is usually added with toning pastes to create several colours.

PATINAS

Solvent based patinas

XP 1950/XX

Patina for antique stain effect. They are perfectly overcoatable with all topcoats.

Waterborne patinas

AP 1221/XX

Harmonizing stain glaze specifically formulated for the production of frames in "antique look/country style". The glaze does not give bleeding problems when overcoated with water based products.

AP 1104/XX

Waterborne patinas with short drying times.

TOPCOATS

Transparent matt topcoats

TZ 42**

Polyurethane topcoat with good build.

SZ 13**

Nitrocellulose topcoat, generally used for hot stamping.

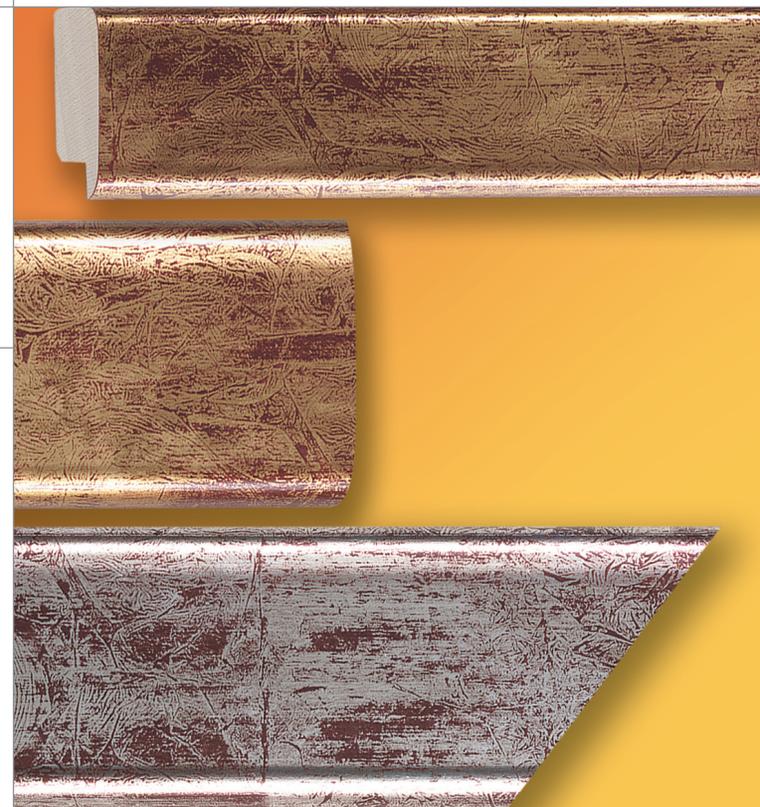
SZ 51**

A one-pack matt topcoat that fits with the following hot stamping application, even after a long time.

Matt pigmented extruder grade topcoats

GS 666/XX

Nitrocellulose matt pigmented topcoat, suitable for hot stamping.





High gloss clear topcoats by extruder

GS 540

Topcoat for gilding both by hot stamping and gold leaf application.

Matt pigmented topcoats by spray

SZ 40**/XX

A one-pack nitrocellulose matt pigmented topcoat suitable for picture frames to be gilded, prior to hot stamping, and with characteristics of excellent smoothness and good hardness.

TZ 8825/ABC

This series of PU matt topcoats is full of every basic colour necessary to compose a wide range of different colour shades.

High gloss pigmented topcoats by spray

TL 335/XX

Top quality glossy pigmented topcoats, characterized by ease of application and the extraordinary aesthetic result.

TL 4807/XX

Belongs to a new generation of polyurethane high gloss topcoats, with an extraordinary hardness and such a high drying speed that allows packaging of picture frames after 36 hours from the application.

SL 230/XX

High gloss nitrocellulose product designed for hot stamping and gold leaf application.

Waterbased topcoats

AF 56**

An acrylic self sealer with wax effect, a good transparency and hardness. It is particularly suitable for open pore coating systems, even only as topcoat.

AT 57**

A matt topcoat characterised by an excellent transparency, a very good hardness and a good chemical resistance. Excellent pore wetting, leaving the base colour unchanged.

UV COATINGS

By extruder

We were studying how to accelerate picture frames coating systems usually based on standard polyurethane coatings with long drying times. As a result we made two systems based on UV curing technology: DUAL-CURE (mixed system) and UV .

The benefits of this kind of coating are very important and can be summarized as follows:

1. a high speed of application (even at 80 m/min the lacquer can be cured);
2. reduction in the number of coats;
3. no lifting and no shrinkage;
4. reduction of costs and working times.

Since they are products with 99% ± 1 of solids contents, they don't release any solvents in the atmosphere and don't make bubbles.

RU 7564

Clear basecoat for stained woods.

RU 7560

Neutral basecoat for pigmented topcoats.



THE “MISSIONE”

After application and drying of the under coat, the next step consists in the application of a special glue, called Missione, to fix the gold leaf on the frames. Missione can be either solvent-based or water-based.

XA 3599

Waterbased missione. Gilding operation

can be started as soon as the water contained in the film of the “missione” has evaporated (about 1 hour). This operation can also be done the day after, because this product does not lose its characteristics of adhesion even after a long time.

XE 3506

A fast drying solvent-based “missione”

which allows gold leaf application after just 1 hour.

XE 3540

Solvent-based missione. It is usually the most commonly used missione, because it is applied in late afternoon and the film is ready for gilding the following day. The adhesive effect lasts for most of the following day.

GILDING SYSTEM WITH GOLD PAINT

IF 425/XX

GOLD-O-LUX, gold paint ready to use for spray application.

The glossy neutral binder version (00) can be mixed with bronze/aluminium powders (XT 6701/XX).

SPECIAL EFFECTS

IF 406/XX

Orange peel effect. The film obtained with this product is very hard and it doesn't need any protection.

IF 490/XX

Craquelet effect. It must be applied on to nitrocellulose basecoat. The coating system can be completed with patinas or missione to gild and get special metal effects.

IF 414/XX

Embossed effect. The result is an irregular surface, with a lightly cracked appearance, as in a spider's web. Usually it is used to give an antique effect on golden picture frames.

IF 419/XX

Velvety effect. The final effect is a velvet-like smoothness.



04/2011
Z02A01UK



Sayerlack is a brand of
SHERWIN-WILLIAMS

**Sherwin-Williams Italy S.r.l.
Export Department**

Via del Fiffò 12 - 40065 Pianoro (BO) - Italy
tel. +39 051 770511 - fax +39 051 770528
export@sayerlack.it - www.sayerlack.com

Technical Service

tel. +39 051 770770 - fax+39 051 770521
customerservice@sayerlack.com

Sherwin-Williams UK Coatings Ltd.

A1 Business Park - Knottingley
West Yorkshire - WF11 0BU - England
tel. +44 (0) 1977 673363 - fax +44 (0) 1977 673521
ukinfo@sherwin.com - www.sayerlack.co.uk

Technical Service

tel. +39 051 770770 - fax+39 051 770521
customerservice@sayerlack.com

Sherwin-Williams Ireland Ltd.

53 Robinhood Industrial Estate
Dublin 22 - Ireland
tel. +353 1460 1445 - fax +353 1460 1449
irlinfo@sherwin.com - www.sayerlack.co.uk

Technical Service

tel. +39 051 770770 - fax+39 051 770521
customerservice@sayerlack.com

SAYERLACK, a brand of Sherwin-Williams

101 West Prospect Avenue - 920 Midland
Cleveland, OH 44115 - USA
tel. +1 800 524 5979 - fax +1 216 566 1293
info@sayerlack.com - www.sayerlack.com

Technical Service

tel. +39 051 770770 - fax+39 051 770521
customerservice@sayerlack.com

Sayerlack Singapore Pte. Ltd.

8, Admiralty Street
#07-08 Admirax, Singapore 757438
tel. +65 6763 7789 - fax +65 6763 0252
infoasia@sayerlack.com - www.sayerlack.com

Technical Service

tel. +39 051 770770 - fax +39 051 770521
customerservice@sayerlack.com