

# NorDan Standard Pre-finishes

## NORDAN SURFACE TREATMENT

NorDan has more than 30 years experience of applying factory pre-finishes to windows and doors. Over these years, there have been great changes to paint products. Some of the decisive factors relate to an increased awareness of protecting the environment and an increased demand from consumers to improve quality.

NorDan's policy of continuous improvement consistently involves studying all such products in the market to ensure the best quality choices are made for the benefit of the environment and the end user.

To get the best possible finish for the product, top quality timber materials are profiled by high speed advanced machinery and are then vacuum impregnated to protect against wet rot. Careful preparation and inspection of the timber, prior to application of any surface treatments, is critical in ensuring a smooth quality finish.

## IMPREGNATION

All timbers are double vacuum impregnated with GORI TH 102.

## BASE COAT

As a base coat, NorDan have chosen Akzo Nobel US Grunn which is a polyurethane microporous base. It prevents knots from ageing, provides excellent key for top coats and leaves a smooth consistent finish.

## FINISHING COAT

For the final coats, NorDan have chosen Akzo Nobel USa 55 which is a water based semi gloss paint, specifically developed for windows and door products. It has many technical advantages, which include excellent adhesion to the base coat which can lead to periods of 5 to 7 years between maintenance. In addition, it is also compatible with many other paint types, thus allowing easier maintenance when required.

## TRANSLUCENT FINISHES

For those who desire a translucent finish, NorDan use GORI 411/890 which is a water based, 2-pack stain finish with medium gloss.

All translucent finishes - not just for windows but with furniture for example, are more susceptible to degradation by UV radiation from the sun, and thus require more frequent inspection / maintenance.

## CLEAR LACQUER

NorDan supply only internal surfaces finished with clear lacquer due to the combined effects of UV radiation and weathering. Such finishes are unsuitable for external use. NorDan use Akzo Nobel XV600 which is a semi gloss clear finish.

## TWO COLOURS

It is possible to have different colours supplied internally / externally. Please contact your local sales office for further information.

## STANDARD TREATMENTS

Paint:  
Gori vacuum impregnation  
Akzo Nobel US Grunn  
Akzo Nobel USa55  
Standard white USa55 NCS S0502 y

Translucent finish:  
Gori Vacuum impregnation  
Gori 411  
Gori 890

Clear lacquer  
Akzo Nobel XV600

Other finishes available by agreement and to standard RAL and NCS colour ranges.

## BE AWARE OF THE FOLLOWING

In some cases the brightest colours can fade in strong sunlight or strong artificial lighting.

On most products being produced, it is possible that small scars and slight irregularities are present, particularly for non-visible areas when the window or door is closed also on the inside of the frame.

## LATER MAINTENANCE

The periods between maintenance will vary. Akzo Nobel USa55 will last 5-7 years (depending on weather and the level of exposure).

An external inspection should be carried out every year using a wire brush to find out if the paint flakes off. If any maintenance is necessary you should scrape and fill the areas then rub the complete window down before renewing with a quality replacement finish. For the interior, the same maintenance procedure should be followed, although this shouldn't be necessary until between 10 and 20 years dependant on the levels of exposure.

## AKZO NOBEL

Akzo Nobel is internationally recognised as a stain and paint supplier for industrial surface treatment. Akzo Nobel products are widely available through distributors throughout Europe.

## FURTHER INFORMATION

For further information on NorDan or extra copies of this publication please contact our office:

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