

Standard Pre-Finishes, NorDan windows and doors

NORDAN SURFACE TREATMENT

NorDan has more than 40 years of experience in providing factory-applied finishes to high quality timber products. During this time, there have been major advances in the technology and composition of paint products, all designed to enhance the appearance and performance of the finished product, whilst still being mindful of the overall effect on the environment.

It has been NorDan policy to make use of the best technology available to provide products of the highest standard of manufacture and finish for discerning, environmentally-conscious customers throughout Europe.

This has been achieved by use of the highest quality timber, sourced from sustainable forests with PEFC chain of custody, machined under strictly controlled quality-assured conditions, pressure impregnated with VOC approved preservatives, and then hand or hi-tech robotic arm sprayed to provide a smooth, even finish. All these processes are subject to regular in-house and independent external testing to ensure the finished products need no further attention at the time they are installed into a building.

PRODUCTS

DOUBLE VACUUM IMPREGNATION

Protim P-VAC-11

BASE COAT

Akzo Nobel US Grunn

A polyurethane microporous base that prevents knots from ageing, provides excellent key for top coats, and leaves a smooth consistent finish.

Standard Pre-Finishes

FINISHING COAT

Akzo Nobel USa 55

A water based semi gloss paint, specifically developed for windows

and doors. It has many technical advantages, including excellent adhesion to the base coat.

In addition USa 55 is compatible with many other paint types, thus allowing easier maintenance when required.

TRANSLUCENT FINISHES

GORI 411/890

A water based, 2-pack stain finish with medium gloss.

CLEAR LACQUER

Akzo Nobel XV600

A semi gloss clear water based finish.

Clear lacquer and other weak finishes are unsuitable for external use due to the combined effects of UV radiation and weathering. NorDan will only apply clear lacquer and similar finishes to internal surfaces. It is important to carefully monitor the performance of less durable type finishes (see below- Notice).

TWO COLOURS

It is possible to have different opaque colours supplied internally/externally but not together with translucent, or any combination of translucent and lacquer. Opaque outside/lacquer inside is permitted. Please contact your local sales office for further information.

STANDARD PRE-TREATMENTS

Microporous paint:

Akzo Nobel US Grunn

Akzo Nobel USa55

Standard white USa55 NCS S0502 y

Translucent finish:

Gori 411

Gori 890

Clear lacquer (inside only):

Water based Akzo Nobel XV600

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

MAINTENANCE

Periods between maintenance will vary.

Akzo Nobel USa55 (microporous finishing) should last between 5-8 years on north facing elevations (lowest exposure), and whether or not facing directly south without any shade (highest exposure). Also subject to the colour chosen (mid range last longest).

All translucent finishes (including those used on furniture) are more susceptible to degradation by UV radiation from the sun, and thus require more frequent inspection and maintenance than USa 55.

External inspection should be carried out yearly after summer time, using a wire brush to see if any finishing is loose. If maintenance is necessary, scrape and fill any damaged areas then lightly sand the complete window down before renewing with your own choice of finishing in good time before winter.

Internal finishes require the same time and procedure as described for external, although not so frequently dependant on internal conditions, and in particular effective management of condensation.

AKZO NOBEL

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

PLEASE NOTE

- Bright colours can prematurely fade in sunlight or strong artificial lighting.
- Small scars and slight irregularities must be tolerated, particularly in non-visible areas inside of a frame after a door or window is closed.
- During construction periods, and while properties are occupied, it is essential that all internal surfaces are closely monitored and protected from dirt, dust, and condensation mixing together, which is then left laying on the finishing to form a potentially damaging growth medium. Be aware that translucent finishes cannot tolerate hanging water for any amount of time, and that the only way to avoid degradation, damage, and or disease, is to keep the surface clean, dry AND PROTECTED at all times.
- Never apply 'wrap-round' polythene protection to individual windows, either during site storage or following installation, as this will cause them to overheat and/or give rise to the risk of condensation, both of which will damage the finishes. Always ensure that NorDan products are protected in such a way as to allow an adequate air flow over and round all surfaces at all times.
- The use of adhesive-backed tapes, including 'low-tack' tapes, to protect the NorDan finishes should be avoided. If protective tape is applied by others then it must be applied in strict accordance with the manufacturer's recommendations. NorDan can take no responsibility for damage to the finishes on removal of any protective tapes applied to any of their products.

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