TDS_605
STAN XYLOTRANS

TECHNICAL DATA SHEET
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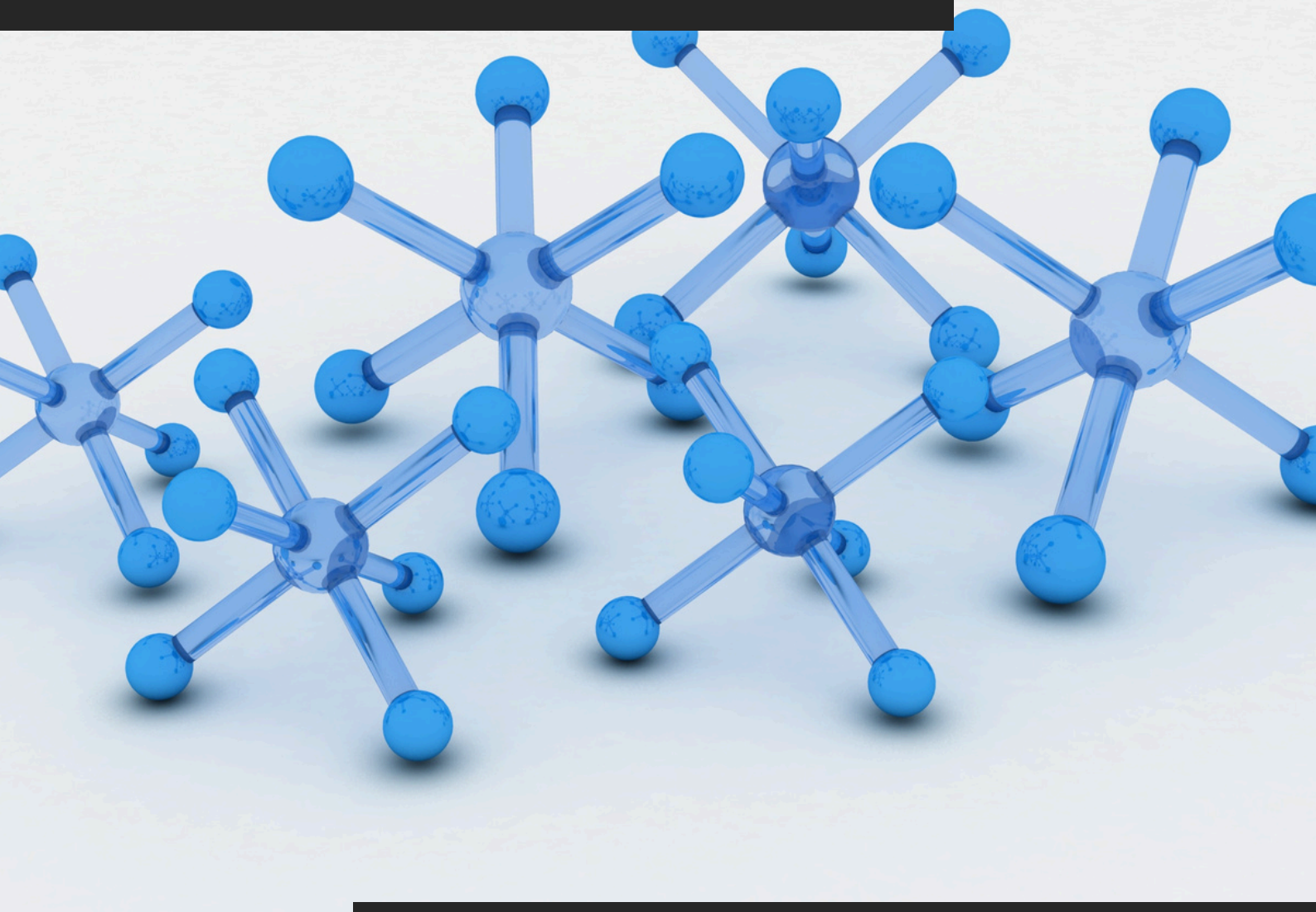

Stan Xylotrans_TDS_605_2025_v1.0_EN

Visit our website and learn more about our products
akteonpaints.com

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TECHNICAL DATA SHEET

STAN XYLOTRANS

General purpose oil for wood preservation.

Main Features:

1. General purpose impregnation oil for wood preservation.
2. Maintains the natural look of the wood—no film formation and no gloss.
3. Reduces wood swelling, warping, shrinkage, and cracking.
4. Enhances wood stability and improves dimensional durability.
5. Ideal as a base preservative before varnishes, stains, or paints.

Applications:

1. Softwood and hardwood construction timber requiring deep preservation.
2. Garden structures such as pergolas, fences, sheds, and railings.
3. Wooden cladding, siding boards, beams, and exterior architectural elements.
4. Pre-treatment before applying varnish, stain, enamel paint, or oil.
5. Furniture components and joinery pieces prior to finishing.

Technical Specifications & Typical Values

Binder Type	Alkyd
Colour	Available in **Clear** state and **14 Natural Shades** upon request.
Diluent	No dilution needed
Density at 22°C (ISO 2811)	0.89 Kg/L
Solids %w/w	~ 16% *
VOC (2004/42/EC)	650 g/L – (A/i/SB) One-pack performance coatings - VOC compliant
Dry film thickness (2 coats) (ASTM D6132-13(2017))	6 µm **

*depending on the shade

**depending on surface absorption, shade & application method

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Technical Specifications & Typical Values

Method	Paint brush, roller or spray gun
Coverage per coat	10-12 sqm/L**
Recoatability	12-24 h
Shelf life	12-24 months
Touch Dry Time at 22°C	2-4 min
Dry Through Time at 22°C	6-8 h
Ambient air temperature	min. +10°C / max. +40°C
Relative air humidity	55-60 % max.
Substrate moisture content	< 15 % (Wood Surfaces)
Curing time	Note: Times are approximate and will be affected by changing ambient and substrate conditions, particularly temperature and relative humidity.
Foot traffic	~ 12-24 h

*Depending on the shade

**Depending on surface absorption, shade & application method

***Drying times are temperature, humidity, and film thickness dependent

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STAN XYLOTRANS preparation:

Substrate quality & preparation:

1. The substrate must be cured, solid, clean, dry and free of all contaminants such as dust, dirt, oil, grease, surface treatments, etc.
2. Uneven substrate should be leveled to produce a roughened flat surface.

STAN XYLOTRANS preparation:

In the case of spray gun application, dilute by 20% with white spirit.

Important application remarks:

1. Untreated substrate defects could lead to reflective coating defects and reduced performance.
2. Substrate washing is not allowed before the application of solvent-based coatings.
3. Tool cleaning right after use with white spirit (or soap and water), always following the local HSE rules.

Packaging:

Metal can of:
0.75-L
2.5-L
10-L
20-L

Storage:

Shelf life: 12-24 months from the date of production, in original unopened packaging in a cool and dry condition between +5°C and +35°C. Protect from direct sunlight, heat, temperature extremes, and moisture. Failure to comply with the recommended storage conditions may result in premature deterioration of the product packaging and which may cause inconsistent workability, finish and cure times of the material.

Health, Safety & Environment:

Read the product label carefully before use. The Technical Data Sheet should be read in conjunction with the Safety Data Sheet.

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Paint System

Contact Akteon Paints for case-by-case recommendations at: **contact@akteonpaints.com** or visit **www.akteonpaints.com**

Disclaimer: The information contained in this publication is based on our scientific knowledge, laboratory studies and long-term experience. Therefore, the information provided must be considered indicative and subject to constant review in relation to the circumstances and each practical application. This information is for use by technically skilled persons at their own discretion and risk. The user alone has the responsibility to ensure that existing laws and legislation are observed when using the products.