

# Nexus 590 MS Timber Adhesive

## TECHNICAL DATA SHEET

### DESCRIPTION & USES

**Nexus 590** is an elastic, single-component Modified Silane adhesive designed for adhering parquet & engineered timber to properly prepared absorbent and non-absorbent indoor subfloors.

### ADVANTAGES

- Solvent-free
- Complies with DIN EN 14293
- Water-free – no wood swelling
- Low VOC emission
- Easy to spread
- Good working time
- Easy to clean up with mild solvent when wet

### METHOD OF APPLICATION

#### SURFACE PREPARATION

The subfloor as well as the room climate conditions must meet the requirements of the applicable standards and data sheets. Subfloors must be permanently dry, solid, level, free from cracks, dirt and adhesion-inhibiting substances. Mechanically pre-treat and thoroughly vacuum-clean screeds according to the manufacturer's specifications or according to the applicable standards and data sheets. Provided that the existing screed is free from dust, the parquet or timber can be bonded directly on the subfloor. If a primer is necessary, please contact Nexus Adhesives.

#### DIRECTION OF USE

Confirm moisture content of timber to ensure it meets manufacturer's standard prior to installation.

Using a notched trowel that suits the product being installed, apply uniformly on the subfloor holding the trowel at 60-degree angle, without letting the adhesive pool.

Fit the parquet or timber flooring immediately and press it down firmly. Ensure that the underside of each wooden element is sufficiently coated with adhesive. Roll floorcovering within 1 hour after installation.

**IMPORTANT:** Installation area should be – room temperature of 15 – 30 °C, as well as room humidity preferably between 40 – 65 %, maximum 75 % (ASTM F2170-02).

Alternatively, **Nexus 590 MS Timber Adhesive** can also be used for the installation of wood flooring with T&G by utilizing a **special All-In-One Blade** on moist concrete slabs up to 12 lbs. /1000 sq. ft. / 24 hours (ASTM F 1869) or up to 90% RH (ASTM F 2170-02).

### CLEAN UP

Clean tools immediately after use with **Nexus Adhesive Remover** or **Nexus 490 Solvent Cleaner**.

After adhesive has set completely, it can only be removed by mechanical means. Dried adhesive may be softened using a **Nexus Adhesive Remover** or **Nexus 490 Solvent Cleaner**.

**IMPORTANT:** Do not use Nexus 490 Solvent Cleaner directly on finish floorcovering, as the solvent cleaner can potentially cause damage to the surface.

**Nexus Adhesives Pty Ltd**

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**TYPICAL PROPERTIES**

<b>Appearance</b>	Thick cream coloured paste	
<b>Coverage</b>	0.8 - 1 m <sup>2</sup> /kg	Acoustic Underlays
	1 – 1.25 m <sup>2</sup> /kg	Mosaic Parquet, Small-formatted parquet, Timber underlays
	1.1 – 1.4 m <sup>2</sup> /kg	Large-sized multi-layer timber
	0.4 – 0.6 m <sup>2</sup> /kg	All-In-One Blade
<b>Open Time</b>	Approx. 40 minutes at 50% Relative Humidity and 20 °C	
<b>Curing Time</b>	24 Hours	
<b>Packaging</b>	18 kg pails	
<b>Shelf Life</b>	12 months in sealed container at 20 °C	

**Note:** Always carry out your own test to confirm suitability of this product with your application. Additional information on physical properties, health hazards, storage, handling and transport is available in the Safety Data Sheet (SDS), available on request.

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