

**Relax – you bonded  
the floor with Bona**



**Bona Adhesives.**

Unique silane formulations  
for wood floors.

**Bona®**

# It all comes down to great groundwork.

*It's not just the wood that makes a wood floor look great! For an excellent result, you need to get the groundwork right too!*

## Bona Silane Adhesives

By using premium raw materials and making our own unique formulations, Bona can guarantee a truly powerful bond for your wood floor.

- Can be used with any flooring grade subfloor
- No primers needed on sound, dry subfloors\*
- Strong, secure installation
- Fast initial bonding
- Clean formulation – no stained hands, deposits easily cleaned from floor surface
- Low emissions
- 1-component formulations for minimal wastage
- Compatible with underfloor heating
- Lifetime performance

\* Subfloors need to be compliant to BS:8021. If the subfloor is >65% RH we recommend using a Bona DPM system.



## Three categories

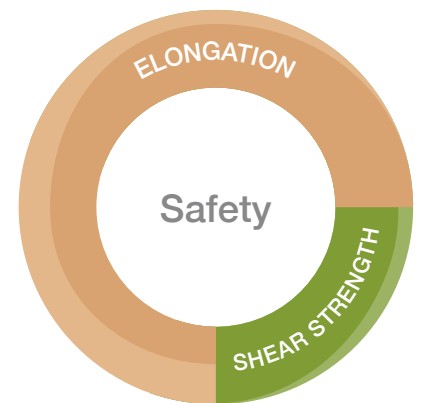
Bona Silane Adhesives are categorised according to the ISO 17178 standard. They are available in Hard, Hard-Elastic and Elastic categories, covering every possible installation situation.

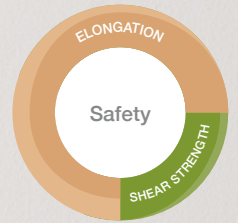


## One indicator

To make choosing the most appropriate Bona adhesive even easier, we've added a performance indicator for each product. It's based on the product's combined shear and elongation values and sums up exactly what kind of performance each product will deliver. This way you get the safest and most secure bonding every time.

The lower the elasticity, the lower the degree of movement with the floor. Higher elasticity means that less stress is transferred to the subfloor but movement is less restricted.



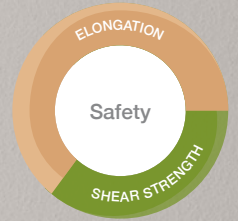


For mosaic,  
engineered flooring  
and small solid strip

- ✓ Easy to apply
- ✓ Fast initial bonding strength allows load after 24 hrs
- ✓ Up to two years' shelf life
- ✓ Great rib stability
- ✓ Compatible with underfloor heating
- ✓ Coverage: 850 – 1250g/m<sup>2</sup>



Elastic, 1-component silane wood floor adhesive. A high performance formulation that is ideal for the installation of engineered wood flooring. Can also be used for solid boards up to 190mm wide.



- ✓ Higher viscosity, improved initial grab
- ✓ Easy to apply
- ✓ Fast initial bonding strength allows load after 24 hrs
- ✓ Unique rib stability – very low risk of hollow spots

- ✓ Up to two years' shelf life
- ✓ Compatible with underfloor heating
- ✓ Coverage: 850 – 1250g/m<sup>2</sup>



Elastic, 1-component silane wood floor adhesive. R848T has a higher viscosity than R848. It feels thicker and has an improved initial grab, which reduces the risk of hollow spots. The 'sausage' pack offers an economical alternative for use in gun applicators, a longer shelf life and virtually no waste.



For engineered and standard sized solid wood flooring

- ✓ All rounder with high performance
- ✓ Fast initial bonding strength allows load after 24 hours
- ✓ Up to two years' shelf life
- ✓ Great rib stability
- ✓ Can be used on outside decks

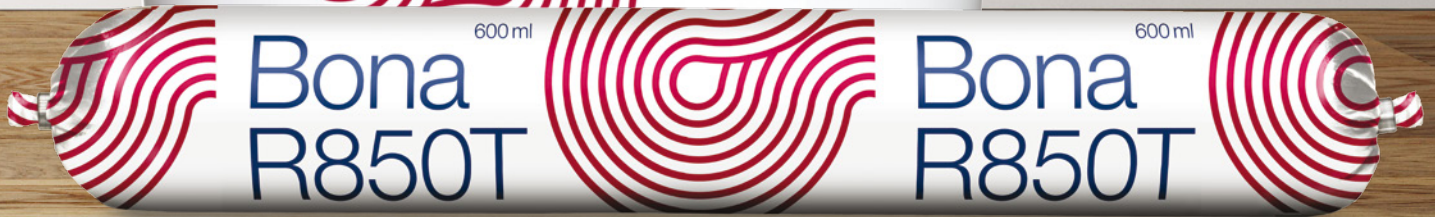
- ✓ Direct use on tiles and metal
- ✓ More than 10 million m<sup>2</sup> of R850 used worldwide since 2005
- ✓ Compatible with underfloor heating
- ✓ Coverage: 850 – 1500g/m<sup>2</sup>



Hard-elastic, 1-component silane wood floor adhesive. A true all rounder suitable for practically all types of wood flooring and subfloors, in particular solid floors. Its hard-elastic properties make it strong and resistant against movement of wood while relieving tension on the sub floor.



For engineered and standard sized solid wood flooring



- ✓ Higher viscosity, improved initial grab
- ✓ All rounder with high performance
- ✓ Excellent rib stability – no risk of hollow spots
- ✓ Up to two years' shelf life
- ✓ Fast initial bonding strength allows load after 24 hours

- ✓ Can be used on outside decks
- ✓ Direct use on tiles and metal
- ✓ Compatible with underfloor heating
- ✓ Coverage: 850 – 1500g/m<sup>2</sup>



A hard-elastic, 1-component silane parquet adhesive offering the same benefits as R850, but with a higher viscosity so it feels thicker and has an improved initial grab which reduces the risk of hollow spots.

A special project?

 HARD



The premium choice for ALL wood flooring

## Benefits for the installer:

- ✓ Innovative Titanium technology
- ✓ No discolouration at joints
- ✓ Optimum result for key projects
- ✓ Secure bonding for all types of wood floor – especially wide and oversized boards
- ✓ Highest shear strength, exceptional long term durability
- ✓ Save time with unbeatable initial bond and cure speed – quadruple crosslinking
- ✓ Sand the floor after just 12 hours
- ✓ Zero risk of hollow spots
- ✓ Save time and money – no primer required
- ✓ Easy application due to very high grab
- ✓ Cleaner, safer alternative to 2-component PUs
- ✓ Direct use on tiles and metal
- ✓ No staining on hands or pre-finished surfaces
- ✓ Solvent free formulation, very low VOC
- ✓ Compatible with underfloor heating



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STRONGEST SAFEST EASIEST





# A new generation of powerful adhesives

## When is it time for Titan?

Bona's high performance range of silane-based adhesives offers great benefits to installers and floor owners. We believe they'll be your best choice in most situations. But, when you're faced with a special challenge – a unique project or a high value installation where the quality of the bond needs to be guaranteed – then it's time to turn to Bona Titan.

## Titanium technology

Bona Titan takes wood floor bonding to a new level. Although still part of Bona's range of silane-based adhesives, it contains new and revolutionary Titanium technology developed by Bona, and a 'quadruple crosslinking' formulation that delivers ultimate durability and the fastest possible bonding. It's in a class of its own.

## Perfect for large, solid boards

Bona Titan can be specified with confidence to bond all types of wood flooring. Its superb shear strength makes installation easy and keeps even the largest, solid boards securely in place. If the subfloor is sound and dry, no primer is required – making it an economical and convenient choice for the installer.

## No discolouration or hollow spots

Its hard silane-based formulation contains no ingredients that can migrate after curing, which eliminates all risk of discolouration at the joints. The smooth, thick consistency produces stable ribs, with an extremely high grab and zero risk of hollow spots.

Coverage: 850 – 1500g/m<sup>2</sup> depending upon type of flooring being installed.

## Long term durability

The bond strength of Bona Titan will not diminish over time. The stability of the floor is guaranteed for the long term – as is your reputation.

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## Environmental credentials

Solvent free and Greenguard certified as a very low emission product, Titan has been developed in line with Bona's commitment to develop products that make minimal environmental impact and are safe to work and live with. Bona Titan complies with ISO 17178.



# Bona Silane adhesives – associated products



## Bona R580 reactive moisture barrier

- Single coat DPM system
- Compatible with underfloor heating
- Rapid setting
- Simple trowel application
- The world's first silane moisture barrier
- Coverage: 500g – 1000g/m<sup>2</sup>

A water and solvent free\* silane-based compound for priming and/or sealing residual moisture in the substrate (up to 90% RH / 5% moisture content) before installing a wooden floor. Flooring can be installed as soon as 6 hours after application.



## Bona R590 reactive moisture barrier

- Reinforcing effect
- Simplifies application of levelling compounds (ie D520)
- Moisture suppression up to 90% RH / 5% moisture content
- Single coat trowel application
- Fast drying
- Compatible with underfloor heating
- Coverage: 500g – 1000g/m<sup>2</sup>

A water and solvent free silane-based compound for priming and/or sealing residual moisture in the substrate. For reinforcing weak subfloor surfaces up to a certain level. Flooring can be installed as soon as 4 – 6 hours after application. The product is preferable to regular epoxy resin systems and is non hazardous.



## Bona R410 damp proofer/primer

- Excellent adhesion to many substrates
- Application possible with a paint roller, brush or trowel
- Isolates bitumen residue
- Compatible with underfloor heating
- Coverage as a primer: 150 – 250g/m<sup>2</sup>
- Coverage as a damp proofer: 500g/m<sup>2</sup>
- Moisture suppression up to 90% RH / 5% moisture content

A solvent and water-free, 2-component epoxy resin, suitable for damp proofing concrete or cement subfloors – or for use as a primer prior to the application of a suitable adhesive or levelling compound. Two coats are required when used as a damp proofer – allow 3 hours between coats. Drying time: 24 hours.



### Bona D501 primer

- Vapour permeable
- Binds residual dust
- Solvent-free
- Very quick drying
- Compatible with underfloor heating
- Coverage: 100 – 150 g/m<sup>2</sup>

A primer designed for use over absorbent and non-absorbent substrates (with the exception of magnesium industrial floors) and for chipboard panels. All Bona silane adhesives can be applied over D501 after just one hour.



### Bona R540 primer and moisture suppressant

- Moisture suppression up to 80% RH / 4% moisture content
- Reinforces subfloor
- Compatible with underfloor heating
- Excellent penetration properties
- Titan can be applied over R540 after just four hours
- Single coat coverage as a primer: 250 – 350g/m<sup>2</sup>
- Multi coats may be applied as a moisture suppressant

A one component, polyurethane primer and moisture suppressant for absorbent and non-absorbent substrates. Suitable for damp proofing concrete floors and substrates up to 80% RH / 4% moisture content.



### Bona D520 textured primer

- Excellent adhesion
- Roller application
- Quick drying between 1 – 4 hours
- Compatible with underfloor heating
- Compatible with Bona R410, R590 and R540
- Coverage: 100 – 150g/m<sup>2</sup>

A textured primer developed for application on to smooth, non-absorbent substrates prior to the introduction of a levelling compound. Can be used on ceramic tiles and moisture barriers such as R540 where previously sand would be broadcast. This is no longer necessary with D520.



### Bona R880 construction adhesive

Bona R880 is a ready to use, fast drying, silane based adhesive suitable for the installation of stair nosings, skirting boards, door thresholds, carpet gripper etc. Solvent-free.

## Passion for Wood Floors – all over the world

Established in 1919, Bona is a world leading innovator with a unique system for wood floor treatment. Through subsidiaries and distributors we have a local presence in more than 90 different countries enabling us to be close to our customers and their clients. Our long commitment and passion for wood floors enable us to offer lasting, sustainable results that meet all the wood floor needs of our professional users and their clients.

**For more detailed information on all the products in this brochure, please refer to the individual technical data sheets available at [bona.com](http://bona.com)**

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