

Drama.



No drama.

Safe groundwork.

Bona Silane Adhesives.

**Bona**<sup>®</sup>

# Drama on the floor? No drama below.

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Safe groundwork. It's as simple as that.



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*Bona Silane Adhesives are part of the Bona System. An elite family of professional products that are made to work perfectly together. We make our own formulations, so our products are one of a kind.*

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# It all comes down to safe groundwork.

*Telling a good floor from a bad one is easy. In our experience, it all comes down to the groundwork. Because it's what you put under the floor that decides what kind of floor it will be.*

## Lifetime performance

By using premium raw materials and making our own unique formulations, Bona can guarantee the highest level of security. Bona Silane Adhesives can work with any subfloor material. They don't need primers\*, so you can work fast. They produce fast initial bonding strength, which prevents pre-ageing of the adhesive and ensures secure installation of the floor. They give you the optimal balance between shear strength and elongation to prepare the floor for all challenges during its lifetime. And they produce very low emissions, so they won't harm anyone's health.

## Sustainability since the 1970s

Sustainability has been in the Bona DNA since the mid 70s, when we introduced waterborne wood floor lacquers as a revolution in the industry. Bona Silane Adhesives are no exception. They are solvent-free and carry the EMICODE EC1 R plus approval. That means safe indoor air quality for both contractors and floor owners. It's all about a drama free environment.

\*But in extreme conditions, you can use a Bona Moisture Barrier to make a Bona Silane Adhesive work even better.

## Quality you can count on

In fact, Bona Silane Adhesives are so easy, reliable, and long-term they are as exciting as a safety belt. And that's not a bad thing for adhesives. You want something you can count on. Choose Bona Silane Adhesives, and you know exactly what kind of floor your clients will be walking on. Safe groundwork. It's as simple as that.

## Bona Silane Adhesives

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- + Any subfloor works
- + No primers needed
- + Secure installation
- + No pre-ageing
- + Shear/elongation balance
- + Lifetime performance
- + Low emissions

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**= Safe groundwork**



# Three categories

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



ELASTIC

Moderate shear,  
moderate elongation



HARD-ELASTIC

High shear,  
low elongation

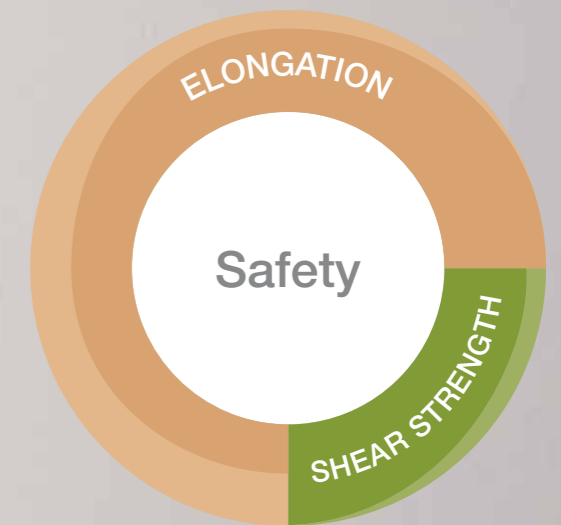


HARD

Very high shear,  
no elongation

# One indicator

To make things 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 optimal safety every time.



# Your guide to choosing the right adhesive

FLOORING	TYPE	CONSUMPTION	R848 (elastic) 	R848T (elastic) 	R850 (hard-elastic) 	R850T (hard-elastic) 	R870 (hard) 
1-layer (solid) unfinished elements	Parquet strip of oak and similar wood types	1000-1250 g/m <sup>2</sup>	☆☆☆	☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆
	Parquet strip of beech and similar highly absorbent wood types	1000-1250 g/m <sup>2</sup>	☆☆	☆☆☆	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆
	Mosaic parquet finger	850 g/m <sup>2</sup>	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆☆
	Blocks/overlay, oak or similar wood width/thickness < 5/1	1000-1250 g/m <sup>2</sup>	☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆☆
	Blocks/overlay, beech and similar highly absorbent wood types < 5/1	1250 g/m <sup>2</sup>	☆☆	☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆☆
	Wood flooring - solid wood parquet - Vertical finger, wide finger and module brick - 10/16/22 mm	1000-1250 g/m <sup>2</sup>	☆☆☆	☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆☆
	Wood flooring – solid lam parquet products up to 25 x 5 cm, oak and similar wood types	1000 g/m <sup>2</sup>	☆☆	☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆☆
	Wood flooring – solid lam parquet products up to 25 x 5 cm, beech and similar highly absorbent wood types	1000 g/m <sup>2</sup>	☆☆	☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆☆
	Solid hardwood flooring and solid hardwood flooring composite elements	1500 g/m <sup>2</sup>	☆☆	☆☆☆	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆
	Wood flooring – solid lam parquet products bigger than 25 x 5 cm	1250 g/m <sup>2</sup>	☆☆	☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆☆
Multilayered parquet element	2-layer, parquet strip	1000 g/m <sup>2</sup>	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆
	2-layer, parquet panel	1000 g/m <sup>2</sup>	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆
	3-layer flooring board: < 13 mm thick	1250 g/m <sup>2</sup>	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆
	3-layer flooring board: 10 -13 mm thick, less than 1200 mm	1250 g/m <sup>2</sup>	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆
	3-layer flooring board: 10 -13 mm thick, longer than 1200 mm	1250 g/m <sup>2</sup>	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆



✓ Easy to apply

✓ Fast initial bonding strength allows load after 24 hrs

✓ Up to two years of shelf life

✓ Great rib stability



Elastic, 1 component silane parquet adhesive. Its elastic properties makes it particularly good for installation of parquet with low movement, such as engineered parquet and mosaic parquet.

✓ Easy to apply

✓ Fast initial bonding strength allows load after 24 hrs

✓ Up to two years shelf life

✓ Higher viscosity, fast initial bonding strength



Elastic, 1 component silane parquet 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 adjusted formulation makes the adhesive well suitable for the installation of solid strip floors and engineered and mosaic parquet.



For standard sized solid elements



For standard sized solid elements



- ✓ Allrounder with high performance
- ✓ Fast initial bonding strength allows load after 24 hrs
- ✓ Up to two years of shelf life
- ✓ Great rib stability

- ✓ More than 10 million m<sup>2</sup> since 2005
- ✓ Possible to use on outside decks
- ✓ Direct use on tiles and metal



Hard-elastic, 1 component silane parquet adhesive. A true all-rounder suitable for practically all types of parquet and subfloors, in particular solid elements.

Its hard-elastic properties make it strong and resistant against movement of wood while relieving tension on the sub floor.

- ✓ Allrounder with high performance
- ✓ Excellent rib stability - no risk for hollow spots
- ✓ Up to two years of shelf life
- ✓ Excellent rib stability

- ✓ Fast initial bonding strength allows load after 24 hrs
- ✓ Possible to use on outside decks
- ✓ Direct use on tiles and metal



Hard-elastic, 1 component silane parquet adhesive. R850T has a higher viscosity than R850. It feels thicker and has an improved initial grab, which reduces the risk of hollow spots. A true all-rounder suitable for

practically all types of parquet and subfloors. Its hard-elastic properties make it strong and resistant against movement of wood while relieving tension on the sub floor.



For standard and oversized solid elements



- ✓ Solid bonding similar to 2K-PU
- ✓ Allows load after 12 hours
- ✓ Up to two years of shelf life

- ✓ High grab - easy installation
- ✓ Possible to use on outside decks
- ✓ Direct use on tiles and metal



Hard, 1 component silane parquet adhesive. The optimal choice for solid plank floors thanks to its very high strength. It keeps boards in place, minimizing gap formation.

R870 has a strength of top performing 2 K PU adhesives with the simplicity and advantages of silane adhesives.

## Your Bona System best friends.

SUBFLOOR CONDITIONS	RECOMMENDED MOISTURE BARRIER
Normal (dry, clean, even)	No moisture barrier needed
Humid	R 580* or R 590**
Humid and uneven	R 580* or R 590**
Humid and weak	R 590**
Weak and uneven	R 590**

\*Broadcast sand, \*\*Use Bona D520 or broadcast sand



### Bona R580 Reactive Moisture Barrier

- Rapid setting
- Single application
- Proofed Bona silane system

A water and solvent free silane-based compound for priming and/or sealing residual moisture in the substrate (up to 5 CM% or 90% rH) before installing a wooden floor. Perfect with Bona R850/R850T. Compatible with the Bona Silane Adhesives range.

\*According to TRGS 610



### Bona R590 Reactive Moisture Barrier

- Reinforcing effect
- Suitable for all Bona silane or polyurethane adhesives
- Easy, fast application using a trowel
- Moisture retardant up to 5 CM% or 90 % rH
- Single application and fast drying
- No dangerous goods
- Product contains no liquid extenders or components that can migrate after curing

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. The product is preferable to regular epoxy resin systems and is completely free of hazardous marking.



# Bona benefits:

## Bona Silane Adhesives

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- + Lifetime performance
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= **Safe groundwork**



### BRINGING OUT THE BEST IN WOODEN FLOORS.

At Bona we are committed to the whole lifetime of wooden floors. We are devoted to provide solutions that keep a floor perfect during its entire life. Through our long commitment and constant search for innovation we are able to offer lasting, sustainable results for professionals and floor owners.

Bona AB is a family-owned company founded in 1919. With its head quarters in Sweden, Bona is now present in almost 100 different countries all over the world through subsidiaries and distributors. We provide products for the installation, maintenance and renovation of wooden floors throughout their lifetime. Today we have solutions for professionals, homeowners and parquet producers.

[www.bona.com](http://www.bona.com)

**Bona**<sup>®</sup>  
Passion for wood floors