

Technical Data Sheet



# WOODSTIKK® 20

## WOOD ADHESIVE



**WOODSTIKK 20 ADHESIVE IS USED FOR THE BONDING OF SOLID OR ENGINEERED BOARDS TO SUBFLOORS.**

**WOODSTIKK®20 IS A SOLVENT AND WATER FREE ADHESIVE SPECIFICALLY DESIGNED FOR FIXING ALL TYPES OF WOODEN FLOORS DIRECTLY ONTO ALL COMMON SUBSTRATES, ELIMINATING THE NEED FOR BATTENS.**

Woodstikk® 20 is based on all the latest developments in hybrid polymer technology.

### BENEFITS

- 100% active, solvent and water free - will not cause warpage or curl of wood blocks/panels.
- Permanently flexible - compensates for subfloor movement.
- Will bond wood directly to all common subfloors, e.g. concrete, wood, metal, ceramic tiled, vinyl, marble, granite, and most natural stone floors.
- Full bead elastic product gives excellent sound deadening/ acoustic properties
- Odourless
- Excellent gap filling properties for uneven surfaces.

### AVAILABLE COLOURS

Beige

### TECHNICAL DATA

Brookfield viscosity:	Thixotropic paste
Specific gravity:	1.64
Skin formation (20°C and 65% RH)	Approx 30 mins
Curing rate (20°C and 65% RH)	2-3mm per 24hrs
Temperature resistance:	-40°C to +90°C
Shear strength (DIN 53504 wood to wood)	1.8N/mm <sup>2</sup>
Shore A Hardness (DIN 53505)	60
Time before traffic and sanding	24hrs after bonding
Complete cure	36-48hrs
<b>AVAILABLE SIZES</b>	<b>COVERAGE</b>
600ml	1sqm

## PREPARATION AND APPLICATION

The surfaces to be glued must be sound, clean, dry and free from dust, grease and other contaminants. Existing floors must be free from all polish/wax. Prime/stabilise friable concrete/anhydrite and floors with residual adhesive with a suitable primer before application. New concrete must be allowed 4 weeks to dry and mature. Always check moisture level of subfloor if moisture levels in subfloor are above those recommended by the flooring manufacturer, damp proof the floor with a suitable primer as directed. Chipboard must be free of release agents/wax. Very porous or friable surfaces should first be primed with a suitable primer and allowed to dry. Basement/below ground floors must be adequately protected with a D.P.C and two coats with a suitable primer applied as directed. Under floor heating must be turned off 48 hours before and 48 hours after the adhesive has been applied.

Subfloors should be subject to 28 days of maturing and should have a maximum of 3% moisture content, or 70% relative humidity, before using this adhesive. For moisture contents between 3.1% and 7%, or over 70% relative humidity, a suitable primer and moisture barrier should be used. Do not use this adhesive above these recommendations.

FLOORING: the parquet flooring MUST be acclimatized for several days in the room where it is to be installed. Leave in original packaging during this period.

All installations and sub floor preparations must be carried out in line with the relevant British or international standards. Insert sachet into the gun and cut tip of sachet. Fix nozzle head to barrel and dispense an even bead.

Position blocks/planks whilst adhesive is still tacky (within 30mins) and tap into final position with mallet and block, removing uncured adhesive with cleaning wipes. (Caution - test compatibility with lacquer finished block first)

One 600ml sachet will bond approximately 1m<sup>2</sup> when applied as directed.

## LIMITATIONS

Do not use against bitumen or substrates that bleed oil, solvent or plasticizers

Never install flooring on subfloors, which are not protected against possible rising damp.

Do not apply the adhesive at temperatures below 5°C or above 25°C.

Minimum temperature of the substrate should be at least 15°C.

Do not apply the adhesive when the relative humidity is above 75%.

Never install flooring on a substrate which contains too much moisture or on substrates with a higher humidity value than recommended by the wood supplier.

Never install wood which is too dry (<7% humidity). This can expand at higher humidity or when the humidity rises and cause damage.

Do not install flooring if the walls and ceilings in the area are not dry (e.g. after plastering or painting etc).

Do not dilute the adhesive.

Always check with flooring manufacturer re: any specific instructions/ requirements specifically relating to their flooring before fitting floors.

Do not use, store or allow to cure below + 5°C

## HANDLING AND STORAGE

Clean machines, equipment and tools with white spirit before the adhesive dries.

Woodstikk 20 should be stored in the original sachets cool, dry conditions between 15 °C and 30 °C. Ensure good ventilation. In these conditions it has a storage life of 9 months. Storage outside these parameters will dramatically reduce shelf life. Opened sachets must be closed airtight and used up as soon as possible (within 1 month).

**DISCLAIMER:** Due to the variation in materials likely to be handled by prospective users of this product, together with differences in production techniques and ultimate performance required, it is important that this product is thoroughly evaluated under production and end use conditions before being commercially adopted. Such an evaluation should incorporate an ageing test and this test should be repeated if the substrates on which the this product is used are changed in any way or are purchased from a different source. During the evaluation and testing of the product, it is the purchasers/end user's responsibility to carry out appropriate actions for the protection of the environment, the health and safety of its employees and purchasers of its products. No employee of Ureka Global Ltd has any authority to waive or change the forgoing provisions. The above recommendations are made in good faith for the guidance of users and are without liability. Any queries should be made in writing to the head office of Ureka Global Ltd.

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