

Parquet adhesives

Silane adhesive MS25

MS25 (Item no. 10166395)

Hard elastic single-component parquet adhesive with a modified silane base, in accordance with standard ISO 17178.

Range of application

MS25 is a water and solvent-free silane-modified adhesive for bonding parquet onto suitable and laying-ready bases, such as calcium sulphate or cement screeds, or wooden composite panels, or calcium sulphate bases. As a rule, no primer is necessary. It meets the requirements of ISO 17178.

For patterned installations, we recommend Bauwerk Parquet Adhesive MS35/MS70. The adhesive offers a long open time of 60 minutes and is easy to apply with a notched trowel.

Technical data

Applicator	Depending on the dimensions of the parquet elements TKB 6 / TKB 8 / TKB 10 or TKB 13
Rate of application	850–1250 g/m ²
Container	15 kg plastic container, 6 kg tubular bag
Working time	Approx 30 min. Please adjust the weighting and weighting duration to the extended open time.
Processing temperatures	Floor temperature min 15 °C (with underfloor heating max. 20 °C), air temperature min 18 °C, R.H. max 75 %
Curing time	May be walked on after approx. 12 hours Surface treatment after approx. 24 hours Fully cured after approx. 24 to 48 hours * at 20 °C and 55% relative humidity.
Cleaning agents	When wet: remove excess with Bona Cleaning Wipes, acetone or ethanol. Follow the manufacturer's processing instructions and test compatibility in advance on a test area.
Base	Silane-modified prepolymer
Storage	In closed plastic container 12 months, or 24 months in a tubular bag,, from production date. Temperature between 5 and 25 °C. Do not store under 5 °C. Keep away from children.
Classification	EC1 PLUS®; GISCODE RS10
Safety	Follow indications of our leaflets and safety data sheets
Waste key-no.	08 04 10



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Important note:
Follow the instructions listed in the product specification and safety sheets.

Notes on processing and laying

The subfloor must comply with the requirements of national standards (SIA 251, DIN 18356, ÖNORM B5236). Specifically, the subfloor must be flat, hard, dry, clean, not cracked, have sufficient load capacity and not contain any substances that inhibit adhesion. If necessary, the subfloor should be prepared to be ready for laying. MS25 is not suitable for plasticiser-sensitive bases, such as poured asphalt. In these cases, appropriate preparations must be made (e.g. protective priming). When using a primer, use only system-compatible primers! If using non-system primers, please contact the Applied Technology unit at Bauwerk Parkett. MS25 is suitable for heated screed systems; such floors must be heated to be ready for laying (heating protocol). Screed temperature must not exceed 25 °C during the laying, and for at least 3 days afterwards. During subsequent use, the temperature of the adhesive must not exceed 30 °C for long periods of time, according to the current standards. For further information about floor temperature during the use of the parquet, please see the installation and care instructions for the corresponding parquet. The maximum residual moisture values applicable to the various screeds must be observed when preparing for laying. The assessment of the subfloor regarding its readiness for laying must be performed by skilled professionals. Any additives used in the screed must be compatible with the adhesive; the setting and polymerisation processes resp. the interlacing of the adhesive must not be affected, please check before laying if applicable. The adhesive should be applied with the toothed trowel types indicated. Before taking the adhesive out of the container, remove the protective film with any adhesive hardened onto it. Pre-apply only as much adhesive as will be sufficient for the amount of parquet that can be laid during the exposure time. Ensure full wetting of the underside with the adhesive by laying, shifting and pressing the parquet elements. **For commercial use only.**

Parquet adhesives

Silane adhesive MS35

MS35 (Item no. 10009142)

Hard elastic single-component parquet adhesive with a modified silane base, in accordance with standard ISO 17178.

Range of application

MS35 is a water and solvent-free silane-modified adhesive for bonding parquet onto suitable and laying-ready bases, such as calcium sulphate or cement screeds, or wooden composite panels, or calcium sulphate bases. As a rule, no primer is necessary. MS35 parquet adhesive is characterized by a very high initial adhesion, a perfect rip stability, very low swelling-values of the wood and preventing damage to the subfloor thanks to its elasticity.

Technical data

Applicator	Depending on the dimensions of the parquet elements TKB 6 / TKB 10 or TKB 13
Rate of application	850–1250 g/m ²
Container	15 kg plastic container
Working time	Approx 30 min
Processing temperatures	Floor temperature min 15 °C (with underfloor heating max. 20 °C), air temperature min 18 °C, R.H. max 75 %
Curing time	Loadbearing after 24–48 hours, surface treatment 2–4 days
Cleaning agents	When wet: remove excess with Bona Cleaning Wipes, acetone or ethanol. Follow the manufacturer's processing instructions and test compatibility in advance on a test area.
Base	Silane-modified prepolymer
Storage	In closed container 12 months from production date. Temperature between 5 and 25 °C. Do not store under 5 °C. Keep away from children.
Classification	EC1 PLUS [®] ; GISCODE RS10
Safety	Follow indications of our leaflets and safety data sheets
Waste key-no.	08 04 10



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Important note:
Follow the instructions listed in the product specification and safety sheets.

Notes on processing and laying

The subfloor must comply with the requirements of national standards (SIA 251, DIN 18356, ÖNORM B5236). Specifically, the subfloor must be flat, hard, dry, clean, not cracked, have sufficient load capacity and not contain any substances that inhibit adhesion. If necessary, the subfloor should be prepared to be ready for laying. MS35 is not suitable for plasticiser-sensitive bases, such as poured asphalt. In these cases, appropriate preparations must be made (e.g. protective priming). When using a primer, use only system-compatible primers! If using non-system primers, please contact the Applied Technology unit at Bauwerk Parkett. MS35 is suitable for heated screed systems; such floors must be heated to be ready for laying (heating protocol). Screed temperature must not exceed 25 °C during the laying, and for at least 3 days afterwards. During subsequent use, the temperature of the adhesive must not exceed 30 °C for long periods of time, according to the current standards. For further information about floor temperature during the use of the parquet, please see the installation and care instructions for the corresponding parquet. The maximum residual moisture values applicable to the various screeds must be observed when preparing for laying. The assessment of the subfloor regarding its readiness for laying must be performed by skilled professionals. Any additives used in the screed must be compatible with the adhesive; the setting and polymerisation processes resp. the interlacing of the adhesive must not be affected, please check before laying if applicable. The adhesive should be applied with the toothed trowel types indicated. Before taking the adhesive out of the container, remove the protective film with any adhesive hardened onto it. Pre-apply only as much adhesive as will be sufficient for the amount of parquet that can be laid during the exposure time. Ensure full wetting of the underside with the adhesive by laying, shifting and pressing the parquet elements. **For commercial use only.**

Parquet adhesives

Silane adhesive MS70

MS70 (Item no. 10166396)

Hard elastic single-component parquet adhesive with a modified silane base, in accordance with standard ISO 17178.

Range of application

MS70 is a water and solvent-free silane-modified adhesive for bonding parquet onto suitable and laying-ready bases, such as calcium sulphate or cement screeds, or wooden composite panels, or calcium sulphate bases. Universal and powerful adhesive for bonding difficult substrates and particularly large-format parquet elements. Equipped with revolutionary titanium crosslinking technology, the adhesive sets quickly and has very high initial adhesion. The hard-elastic (according to ISO 17178) setting with improved shear strength guarantees perfect results throughout the lifetime of the floor. Its ease of use, good ridge formation and low emission profile make MS70 a premium parquet adhesive for everyday use.

Technical data

Applicator	Depending on the dimensions of the parquet elements TKB 6 / TKB 10 or TKB 13
Rate of application	850–1250 g/m ²
Container	15 kg plastic container
Working time	Approx 40 min
Processing temperatures	Floor temperature min 15 °C (with underfloor heating max. 20 °C), air temperature min 18 °C, R.H. max 75%
Curing time	Sanding can be started after 12 hours, and surface treatment can be carried out after approx. 24 hours. Light use of the floor is possible after approx. 4–6 hours. The curing time of the adhesive depends on the type of parquet, the subfloor and the climatic conditions.
Cleaning agents	When wet: remove excess with Bona Cleaning Wipes, acetone or ethanol. Follow the manufacturer's processing instructions and test compatibility in advance on a test area.
Base	Silane-modified prepolymer
Storage	In closed container 12 months from production date. Temperature between 5 and 25 °C. Do not store under 5 °C. Keep away from children.
Classification	EC1 PLUS [®] ; GISCOD RS10
Safety	Follow indications of our leaflets and safety data sheets
Waste key-no.	08 04 10



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Important note:
Follow the instructions listed in the product specification and safety sheets.

Notes on processing and laying

The subfloor must comply with the requirements of national standards (SIA 251, DIN 18356, Ö-Norm B5236). Specifically, the subfloor must be flat, hard, dry, clean, not cracked, have sufficient load capacity and not contain any substances that inhibit adhesion. If necessary, the subfloor should be prepared to be ready for laying. MS70 is not suitable for plasticiser-sensitive bases, such as poured asphalt. In these cases, appropriate preparations must be made (e.g. protective priming). When using a primer, use only system-compatible primers! If using non-system primers, please contact the Application Engineers at Bauwerk Parkett. MS70 is suitable for heated screed systems; such floors must be heated to be ready for laying (heating protocol). Screed temperature must not exceed 25 °C during the laying, and for at least 3 days afterwards. During subsequent use, the temperature of the adhesive must not exceed 30 °C for long periods of time, according to the current standards. For further information about floor temperature during the use of the parquet, please see the installation and care instructions for the corresponding parquet. The maximum residual moisture values applicable to the various screeds must be observed when preparing for laying. The assessment of the subfloor regarding its readiness for laying must be performed by skilled professionals. Any additives used in the screed must be compatible with the adhesive; the setting and polymerisation processes resp. the interlacing of the adhesive must not be affected, please check before laying if applicable. The adhesive should be applied with the toothed trowel types indicated. Before taking the adhesive out of the container, remove the protective film with any adhesive hardened onto it. Pre-apply only as much adhesive as will be sufficient for the amount of parquet that can be laid during the exposure time. Ensure full wetting of the underside with the adhesive by laying, shifting and pressing the parquet elements. **For commercial use only.**

Parquet adhesives

Dispersion adhesive F5

F5 (Item no. 1000 4109)

Dispersion adhesive for parquet in accordance with standard ISO17178 (hard).

Range of application

F5 is a dispersion adhesive with a low water content, which prevents wood from swelling, is indicated for installing small sized, unfinished parquet elements and 2-layer pre-finished parquet on all absorbent sub floors, such as concrete screeds, cement based grouts and chipboard. When installing on nonabsorbent sub floors or those where no construction details are available, test the surface for adhesion before installation. Sand liquid anhydrite surfaces before installing the parquet, then apply the Primer PLUS and allow it to dry for 24 hours. Sand conventional plastic anhydrite (sand cleaning) and bond the parquet directly onto the surface with F5 adhesive.

Technical data

Applicator	Adhesive Trowel TKB B6/B8
Rate of application	about 750–850 g/m ² (based on the evenness and irregularity of the subfloor)
Container	22 kg plastic container
Working time	about 15 min. (based on the conditions of the room and the subfloor).
Processing temperatures	temperature of the floor min. 15 °C (with radiant floor heating system max. 20 °C) air temperature min. 18 °C, relative air humidity max. 75 %.
Curing time	accessible after 3–4 hours, resistant and ready for sanding after about 48 hours.
Cleaning agents	water
Base	Polyvinyl acetate dispersion
Storage	in sealed unopened containers: 1 year; store in a cool and frost-free area
Classification	EC1 PLUS®; recommended by Sentinel Holding Institut; Minergie Eco: Eco 1 rating: contains water, non-flammable, GISCODE D solvent-free according to TRGS 610.
Safety	Follow indications of our leaflets and safety data sheets
Waste key-no.	08 04 10



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Important note:
Follow the instructions listed in the product specification and safety sheets.

Application requirements

The sub floor must meet the requirements of national standards (SIA 251, DIN 18356, Ö-Norm B2218). Furthermore, it must be solid, even, clean, dry and free of cracks. If necessary, prepare the sub floor for installation (e.g. sanding of liquid anhydrite). Moisture limits of the various floor types must be observed (measured with CM device) and the surface must be evaluated or prepared (e.g. stuccoed). Apply the product using a serrated trowel. Shake before use. Use only the quantity of product that is necessary for installing the parquet, based on the amount of time the container will remain open. The parquet strips must be laid and pressed well into the adhesive to ensure that the underside of the parquet is completely covered.

Guarantee and liability

All instructions and statements are the result of continuous developments and improvements in terms of both quality and processing techniques during trials in the laboratory and in practice. Processing instructions are issued on the basis of our best knowledge but all suggestions and products should be checked to ensure their suitability for the intended application. When in doubt, test on a small area. Please comply with all information on labels, technical leaflets, safety data sheets and standards. Our guarantee and warranty lies in the high quality of our products and is always based on the legal requirements of the country in which the products have been installed.