

PRODUCT INFORMATION SHEET

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VERSION 1
DATE 1st January 2014 28 November 2013



SW 890 WOOD FLOORING ADHESIVE



PRODUCT CODE	PRODUCT	PACKAGING	COLOUR
SW 890	SW 890 WOOD FLOORING ADHESIVE	14kg PAIL	Brown

Description and Uses

SW 890 WOOD FLOORING ADHESIVE is a high quality, trowel applied adhesive for bonding wooden floors to all common building substrates whilst remaining permanently elastic thus accommodating differential movement associated with changing climatic conditions. The formulation is completely water- and solvent- free thereby eliminating the possibility of wooden block/planks warping or cupping due to VOC's. With an open time of approximately 60 minutes this product is also ideal for larger application areas.

Benefits

- Will not cause warpage or cupping of wooden blocks/planks
- Bonds directly to all common subfloor materials – concrete, wood, metal, ceramic tiles, vinyl, and most natural stone floors
- Suitable for use with under floor heating
- Excellent gap filling properties for uneven surfaces
- Full bed elastic product gives excellent sound dampening/acoustic properties
- Extended open time for larger scale application and ease of adjustability
- Isocyanate Free

Limitations

- Do not use directly over bitumen or asphalt floors, or substrates that bleed oil or plasticizers.
- Do not use, store or allow to cure below +5oC.
- Do not use on wet substrates.
- Ensure substrate is completely dry or SikaBond Rapid DPM or Sika Primer MB have been applied.
- Do not use damp proof membranes over Anhydrite / Calcium Sulphate or other Gypsum based screeds.
- This product is only suitable for direct applications to clean, dry subfloors where moisture levels are below that required by the wood flooring manufacturer. If in doubt apply SikaBond Rapid DPM or Sika Primer MB moisture barrier as directed.
- Ensure conditions are suitable for the installation of wood flooring.

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Surface Preparation

- Always check moisture level of subfloor with suitable equipment and ensure that the moisture content is <2% CM or in the case of Gypsum based screed <0.5% CM.
- On cement based substrates where moisture levels are above 2%CM but below 5%CM install a liquid applied damp proof membrane such as Sika Primer-MB.
- All surfaces must be sound, clean, dry and free from dust, grease or other contaminants that can reduce adhesion. Existing floors must be free from all polish/wax.
- Residues of old adhesive not being isolated with Sika Primer-MB must be removed mechanically as they may affect adhesion.
- Always check and record moisture content of subfloor.
- Basement/below ground floors must be adequately protected with a damp proof course and two coats of Sika Primer-MB.

Further Preparation

- Turn off any underfloor heating systems 48hours before and 48 hours after applying the adhesive.
- Ensure that wood flooring is acclimatised in strict accordance with wood flooring manufacturer's requirements prior to installation. Always check moisture content of wood flooring before adhering to substrate

Application

- Always check with flooring manufacturer re: any specific instructions/requirements specifically relating to their flooring before fitting floors.
- Always carry out installations and sub-floor preparation in line with relevant British or International standards.
- Spread the adhesive uniformly on the sub-floor with a suitable notched trowel at no less than 0.6kg/m²
- Do not spread more adhesive than can be covered within 20mins.
- Place wood in position whilst adhesive is still wet. Press firmly and evenly across the wood surface to ensure complete contact with the adhesive.
- Ensure you leave a 12-15 mm expansion gap along the walls and around protrusions to allow for the natural expansion of the wood.
- Floor can be trafficked or sanded/coated after 24 hours (+23 °C / 50% r. h.) depending on site conditions (longer at lower temperatures). Non-absorbent surfaces will take longer to cure
- Use any opened material within 2 weeks.
- If a small skin is present under plastic disc of opened bucket, please discard and trowel remaining product as detailed. This will not affect the quality of the product.

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Cleaning

Fresh, uncured adhesive remaining on the wood surface must be removed immediately. Test wood floor surfaces for compatibility with any cleaners before use.

Storage

Store upright in original, tightly sealed container, and in a dry, cool and well-ventilated area between +5 and +25°C, protected from sunlight and frost.

Shelf Life

If stored correctly as outlined above, shelf life will be up to 12 months from date of manufacture.

Specific Data

SG	1.53g/cm ³
Solvent content	Nil
Colour	Parquet Brown
Workability	Easy with good trowel profile retention
Viscosity: (HBDVII+/S70/10rpm)	50,000-70000cps
Tack free	90mins at 23°C and 50% RH
Chemical resistance	Excellent
Humidity and water resistance	Excellent
Typical Shear strength (wood/wood)	>1.2N/mm ² (24 hrs)
Alkali resistance	Excellent
Application temps	+5-+30°C
Temperature resistance	-40 to +80°C
Trafficability/Sandability on new floors	24 hours after fixing
Complete cure	36-48 hours.
Minimum Screed requirements	28 days maturing and max 2%CM moisture content. For moisture contents at >2%CM – 5%CM, use in conjunction with Sika MB primer MB. Do not apply membranes above these recommended moisture levels. Seek advice from Sika technical Department.

Health & Safety

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Consult SW 890 MSDS for full list of hazards.