

SILTECH DK1

TECHNICAL DATA SHEET

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DESCRIPTION

SILTECH DK1 is a filled polyvinyl acetate based, fast drying, water resistant adhesive, with a high bond strength. It is easy to apply and dries white, forming a rigid bond that is stronger than wood. Ideally suited for applications where surfaces are not completely flush and slight gap filling is required. Shows excellent adhesion on soft woods, like pine or meranti and medium woods, like oak; as well as to processed/composite boards. This water-based formulation is easy to clean with water, non-toxic, non-flammable and has a low VOC.

APPLICATIONS

- Interior furniture and door assembly
- Carcass assembly
- Pallet manufacturing
- Laminating/veneering applications
- Edge/Face gluing

NOTE: If there is any uncertainty regarding the application, adhesive tests should be carried out.

APPLICATION GUIDELINE

- Surfaces must be dry, clean and free from dirt, dust, grease or any other contaminants.
- Ensure joints to be glued fit tightly.
- Application can be done by hand, roller, brush or gluing machine.
- Apply evenly to the surface and join within 5 minutes, apply pressure to the joint within 10 minutes.
- Press the joint for at least 30 minutes at 20°C, with 120 minutes being ideal. Higher temperatures will reduce the required press time.
- Allow up to 24 hours for the glue to dry before any stress is applied to the joint or before machining.
- Excess glue can be wiped away with a damp cloth while wet. Tools can be cleaned with water.

Tips: Press times and application rates are influenced by environmental conditions, moisture content, the wood species as well as the gluing objective and should therefore be determined in each application.

Do not use on coated woods, melamine or damp wood. Not suitable for structural/load bearing applications or where the gap exceeds 1.3mm.

PACKAGING

SILTECH DK1 is available in 5L & 20L buckets; 200L Drums and 1000L flowbins.

HANDLING, SAFETY AND STORAGE

- Store in a cool, dry place, with temperature not exceeding 30°C
- In case of eye contact, wash immediately with clean water.
- Shelf life is 12 months from the date of manufacture when stored in the original sealed container. To maximize the shelf life close containers tightly when not in use.

LEGAL DISCLAIMER

Each user bears the full responsibility for making its own determination as to the suitability of supplier material, products, services, recommendations or advice for its own particular purposes. Each user must perform test to determine whether analysis is sufficient to assure its finished parts will be safe and suitable for use under end-use conditions. Because actual use of products by the user is beyond the control of supplier, such use is within the exclusive responsibility of the user, and supplier cannot be held responsible for any loss incurred through incorrect or faulty use of the products. Further, no statement contained herein concerning a possible or suggested use of any material product, service or design is intended or should be construed to grant any license under any patent or other intellectual property right of Supplier or any of its subsidiaries or affiliated companies, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.