



CEMTEC
SOLUTIONS LTD

2017

PRODUCT DATA SHEET FOR PANEL ADHESIVE 1300

CEMTEC Panel Adhesive 1300 is a high quality adhesive for the installation of natural stone tiles used in interior and exterior areas on walls and floors.

Manufactured by Hugh King & Co under BSI Quality Assurance Scheme ISO 9001 this product has been formulated to comply with the classification C2TE-cement based, high strength, slump resistant extended open time.

ADVANTAGES

- Available in grey or white
- High adhesive strength
- Excellent impact resistance
- Good workability
- Easy to spread

TECHNICAL DATA

WATER DEMAND	3.5L TO 4.5L OF WATER PER 25kg bag
WORKING TIME	45 MINUTES @ 20°C
BED THICKNESS	MIN 6MM - 15MM
SUBSTRATE TEMPERATURE	+3 °C MIN / + 25 °C MAX
AIR TEMPERATURE	+5 °C MIN / + 25 °C MAX
DENSITY	1250KG/M ³
COMPRESSIVE STRENGTH	28 DAYS >15 N/MM ²

MIXING

3.5L to 4.5L of water per 25kgs to achieve the desired workability and ensure consistent water content for each batch. Only mix the amount of material that can be used within the working time. Mix with a suitable mechanical mixer. Do not remix or add water after the mixing process, this will alter the strengths and effect the products overall performance.

APPLICATION

Pour the water in the correct proportion into a suitable mixing container. While stirring slowly, add the powder to the water and mix thoroughly for 5 minutes to the required consistency. Apply the panel adhesive onto the prepared substrate between the minimum and maximum layer thickness using a suitable steel or wooden float, taking care to avoid air entrapment. Priming is not normally required with this product unless the substrate is highly porous and there is excessive suction.

Multi-layer applications, it is important to ensure each layer is keyed and stable prior to the application of subsequent layers. Finishing should be done to the required surface texture as soon as mortar has started to stiffen.

CURING

- Avoid application in direct sun and/or strong wind and/or rain
- Avoid the inclusion of entrapped air pockets during application
- Do not add additional water to the surface when finishing
- DO NOT EXPOSE PRODUCT TO FROST