



BUILD PLUS
CONSTRUCTION CHEMICALS

BuildFix-CA (High Strength, Fast Setting, Solvent Free Adhesive for Carpet Fixing)

BuildFix-CA is a single component solvent free premium quality, moisture resistant, quick setting, non-flammable, and favourable spreading capacity adhesive formulated for the most demanding interior carpet installations. It forms a powerful bond with stiff and heavy backed commercial carpets directly over prepared substrates. This solvent free adhesive is also low in odour, making it the ideal adhesive for use in health conscious environments.

Advantages:

- Ready to use and safe for indoor uses on various substrates
- Cost effective, Solvent free, user friendly and zero VOC
- Fire retardant and self extinguishing
- Guaranteed over cutback residues
- Requires minimal open time

Directions for use:

Surface Preparation: The surface must be clean, dry and free from oil, loose particles, cement laitance and other contaminants which may reduce the required adhesion. A thorough wire brushing, grinding, sand blasting or solvent cleaning may be required to expose a clean and sound substrate. When applied on glazed surfaces like ceramic or terrazzo tiles or porcelain surfaces, the glaze should be removed by abrading with sandpaper or wire brush, etc.

Mixing: In case of dilution with water, dilute with 15 to 20% of clean water and mix with suitable mixer in temperature range of 16° to 40° C. Normally dilution is not recommended due to the change in its setting time.

Application: Apply the adhesive uniformly on the substrate with a fine notched adhesive spreader, or trowel or brush or roller and allow to cure for 10-20 minutes before laying the floor covering.

Spread the adhesive uniformly with an appropriate tool onto an area of such a size that flooring can be laid within the working time of the adhesive (10-20 minutes). When installing over a non-porous surface, let adhesive become tacky. Lift an area occasionally to be sure of adequate adhesive transfer. An extended open time can lead to seams and disconnection. Before application contact our technical department.

Concrete Moisture Testing: Concrete subfloors must be tested for moisture as per ASTM F2170. On site relative humidity readings (ASTM F2170) must not exceed 80%. When installing new flooring over old cutback or broadloom adhesive residue, apply the adhesive only after existing adhesive is mechanically scraped to a smooth minimum residue. Do not use solvent or liquid adhesive removers. Site conditions, floor preparations, moisture and alkalinity must comply with those specified by the Carpet & Rug Institute (CRI 104 or 105).

Curing: It cures on absorption of atmospheric moisture to form a firm and flexible seal. The time required for curing is depending on atmospheric conditions like relative humidity, temperature, degree of confinement and thickness of the adhesive. Curing time increases with thickness. However, at 30°C full adhesion rate is 12 hours for 300 micron thickness of adhesive.

Typical Properties:

Appearance	: Thick liquid in Yellow colour
Base Material	: Chloroprene Rubber
Viscosity	: 2500 – 3500 cps (Brookfield)
Shear Strength	: DIN 53277
Peel Strength	: DIN 53278
Density (g/cc)	: 0.89 ± 0.03
Waiting Time	: 10-20 minutes
Open Time	: 30 minutes
Full Curing Time	: 12 hours
Application Climate	: 5-40°C, Humidity: 40-80 %

Pack Size: Carton packs (750 ml x 24 cans)

Cleaning: Remove all excess adhesives and any spillage with Eco-clean solvents. Clean all tools and equipments using similar solvents immediately after the tooling. Hardened materials can be removed manually or mechanically.

Storage: BuildFix-CA should be stored in tightly sealed original factory containers. Store in a horizontal position to prevent moisture accumulation on the can heads, protect from freezing and keep out of direct sunlight.

Technical support: GMC offers comprehensive technical support service & specification assistance in locations to our channel partners, end users, and contractors.



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Quality & Care:

All the products manufactured and originated from Gulf Minerals and Chemicals, UAE facility are independently tested and certified under a GMC Management System to conform to the requirements of the quality, environmental, health & safety Standards.

Shelf Life:

12 months in a properly closed container. As usual with such adhesives, protect from extremes of heat and cold. Do not store in open and always rotate stock, using oldest material first.

Coverage: Approximately 6-8 m² per kg depending upon condition of the substrate

Handling:

BuildFix-CA is water based, non- flammable, and non-toxic in nature. Avoid contact with eyes and skin as it may cause irritation due to its alkaline nature.

Health & Safety Precautions:

As with all construction chemical products, caution should be exercised. Adequate ventilation should be provided at the place of work. **BuildFix-CA** is a non toxic but it is mildly alkaline. During use, avoid contact with skin and eyes. Wear suitable protective clothing, gloves, eye protection and respiratory protective equipment. In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water.

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