



BUILD PLUS
CONSTRUCTION CHEMICALS

BuildFix-HQ (Fast Setting Spray Applied Adhesive for Mattress & Furniture Industries)

BuildFix-HQ is a high quality fast setting spray applied adhesive specially formulated for furniture & Mattress Industries. BuildFix-HQ has low odour properties & can be used at spray pressures between 2-6 atmospheres.

Uses & Advantages: BuildFix-HQ can be used for bonding foam to itself; foam to fabric, metal, wood & most substrates used in the mattress & furniture industries. It carries many advantages including:

- User friendly, safe for use, and offers wide range of applications
- Excellent bonding to porous, non-porous, and flexible surfaces
- Excellent resistance to heat, fire, UV Rays, and chemicals
- Excellent high early strength to many surfaces

Directions for use:

Surface Preparation: The surface should conform to BS 8203 i.e. the surface must be clean, dry & free from oil, loose particles, cement laitance & other contaminants which may reduce the adhesion. A thorough wire brushing, grinding, sand blasting or solvent cleaning may be required to expose a clean and sound substrate.

Mixing: Mixing or stirring etc is not required

Application: Apply BuildFix-HQ evenly with brush, roller, spray gun or pressure feeding equipments on both the surfaces and wait until both the surfaces are about to tack free. After the evaporation of solvent in adhesive, assemble the surface by applying firm pressure on the bonded area. Special care must be taken on the edges and adhesive must be evenly applied.

When **installing impervious covering** keep a waiting time of approximately 10 minutes at 25°C. Prevent that the adhesive strips show through and avoid impressions caused by a concentrated force on the floor covering by rolling the adhesive strips immediately after application of the adhesive. An extended open time can lead to seams & disconnection.

When installing **polyolefin or polyurethane covering**, wait until the top of the adhesive stripes have dried transparent. Roll the floor covering carefully. Sheet-ends and longitudinal joints are to be pressed firmly. Rolling and pressing should be repeated after approximately 30 minutes. Remove fresh adhesive spots immediately with water or Eco-clean solvent.

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.

Typical Properties:

Appearance	: Yellow colour liquid
Waiting Time	: 10-20 minutes
Open Time	: 60 minutes
Drying Time	: 40 minutes at 25°C
Application Climate	: 5-40°C, Humidity: 40-80 %
Specific Gravity	: 0.085 ± 0.05 g/l (ASTM D 1475-98)
Solid Content (%)	: 42 ± 2 (ASTM D 1644-01)
Application Coverage	: 10-12 m ² per litre
Service Temperature	: 5° C to 130°C

Pack Size: 750 ml Can, 1 USG Can, 200 Litre Drums

Cleaning:

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

Storage:

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

Technical support:

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

Quality & Care:

All the products manufactured and originated by GMC Construction 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.



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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.

Handling:

BuildFix-HQ is 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-HQ** 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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Manufactured in the U.A.E by:
Gulf Minerals and Chemicals L.L.C
P.O. Box: 22323, Sharjah, U.A.E
www.buildplus-gmc.com

Build Plus Construction Chemicals GmbH
Koblenzer Strabe 33
56321 Rhens, Germany
info@buildplus-gmc.com