TECHNICAL DATA SHEET
SYSTEXX Active FireProtect Glue

Ready-to-use system adhesive based on alkali silicate for SYSTEXX Active FireProtect wall and ceiling coverings

Usage

SYSTEXX Active FireProtect Glue is a ready-to-use system adhesive for SYSTEXX Active FireProtect wall and ceiling coverings. SYSTEXX Active FireProtect wall and ceiling coverings are to be used especially in escape routes of public buildings.

Properties

SYSTEXX Active FireProtect Glue ensures that the overall system comprising SYSTEXX Active FireProtect wall covering / adhesive / coating* complies with fire classification **A2-s1, d0** according to DIN EN 13501-1:2007.

SYSTEXX Active FireProtect Glue is low in emissions, free from plasticizers and solvents and transparent when dry. It is highly vapor-permeable as well as free from preservatives making it suitable for allergy sufferers. Furthermore it is free from fogging agents. The organic content is less than 5% (VOB/C DIN 18363 2.4.1).

SYSTEXX Active FireProtect Glue can also be applied to all mineral-based, smooth and stable interior substrates. It has high initial tack and and high bond strength as well as a good spreadability and long open time, making it suitable for applying heavy wall coverings.

*with a coating that is also classified as non-combustible in accordance with DIN EN 13501-1:2010

Technical data / roll dimensions

Adhesive	SAP designation	Container type	Color	kg/container
SYSTEXX Active **FireProtect Glue**	SYSTEXX FireProtect Glue	bucket	opaque	15

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Substrate preparation

The substrate must be non-combustible to achieve the A2-s1, d0 fire-resistance class. It is not possible to make a combustible substrate 'non-combustible' by applying SYSTEXX Active FireProtect.

Substrates should be dry, clean, smooth and stable. Remove old wall coverings and unstable paints and finishes, sand down high-gloss paints to obtain a key and apply a suitable adhesion promoter. Sand down stable but rough/uneven substrates. Fill cracks/ holes with a levelling compound. The substrate must be prepared in such a way that the smallest unevenness are avoided, e.g. grains of sand, grain accumulations, etc. Processing marks may have a maximum width and height of 1 mm. If necessary, rework the surface over a large area with a smoothing plaster or in a smoothing step. Pretreat absorbent substrates with a suitable primer. Remove any mold growth and treat in accordance with the relevant regulations.

More details are to be found in the table "Substrate / Preparation".

Application

Stir the ready-to-use SYSTEXX Active FireProtect Glue slowly before use. Depending on the absorbency of the substrate, use undiluted or dilute with maximum 5% water. Apply sufficient SYSTEXX Active FireProtect Glue with a paint roller evenly to the wall over a width of 1 – 2 sheets. Put the wall / ceiling covering into the adhesive without delay. Use a (hard plastic) wallpaper spatula and press down firmly across the entire length, smoothing out any air bubbles.
Any adhesive left on the front of the fabric should be removed immediately with a damp clean cloth or sponge. At normal room temperature / climate (18 °C, 60 %) the drying time is 12 – 24 hours.

Adhesive consumption **to comply with the fire-resistance rating**: ca. 170 – max. 200 g/m2

Wear safety glasses during application. Carefully mask stone, glass and metal objects.

Further Technical Data

Comosition:	Potassium water glass/polymer dispersion
Density:	ca. 1.1 g/cm³
Appearance:	Milky/opaque
Cleaning:	Clean your equipment with water immediately after use
Storage:	Store in a cool, dry, frost free place
Shelf life:	12 months in sealed original container
Disposal:	Only residue-free packaging can be recycled. Check with your local disposal company for full details

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