

Emtex[®]

Flameproofing agent (with binding agent) for woven and tufted textiles



- Highly effective flameproofing effects
- Good raw edge strength, and Tuft and filament anchorage
- Halogen-free
- Low-fuming



Flameproofing systems play a crucial role in safety-relevant areas of everyday life. For this, high standards are set especially for products used in the aircraft industry. This applies to a special degree also to the floor coverings used, which, in addition to the requirements concerning flameproofing, smoke gas density and toxicity as well as antistatics, also have to meet "classic" requirements, such as raw edge bonding and anchorage of pile and tuft. With **Emtex® W 477** as well as **Emtex® W 174** and **Emtex® W 177**, Weserland offers a selection of halogen-free and low-fuming flameproofing compounds for this segment, some with an antistatic effect for coating needlefelts and carpets.

Owing to discolouration, these flameproofing compounds are largely applied in a slop-padding process, it being necessary to gear the quantity used to the type of fibre, the fabric structure as well as the degree of flame resistance and antistatic quality desired. When flameproofed wool is used in the pile of goods to be finished, the requirements for the aircraft industry are usually met with an add-on of approx. 800-1200 g/m² (wet).

To achieve optimum film properties, the drying temperatures should not be below 120 °C. If it is necessary to adjust the viscosity, diluting can be done with water or thickening agent (**Wesopret®** series) added.

Contact our sales team with specific problem situations or to work out guideline recipes.

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Product characteristics

	Emtex® W 477	Emtex® W 174	Emtex® W 177
Colour	Black	Greyish-brown	Black
Solids content [%]	56.5 - 58.5	59 - 61	49 - 51
pH-value	6 - 8	4 - 6	4 - 6
Viscosity [mPas]	350 - 550*	300 - 400*	100 - 200*
Conductive carbon black	●		●
Solubility	Dilutable with water		
Storage	Cool and frost-free (+5 to +30 °C)		
Stability in storage	6 months		

* Haake VT02

Safety Please consult the safety data sheets before use.

How to store and discharge

Be sure to note that to obtain a homogenous product, with systems containing solids it is necessary to stir up the container before each discharge. When stored in storage tanks, there should be an intermittent stirring apparatus or a stirring apparatus that runs slowly.

Our application engineering advice is without guarantee. The responsibility for how our products are used and processed is with the buyer, also with respect to any industrial property rights of third parties. The technical data concerning our products are approximate values.

For further information please get in contact with Weserland GmbH
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