

# **Emtex<sup>®</sup>**

## **Flameproofing agent (without binding agent) for woven, tufted and needlefelt floor coverings**



- Highly effective flameproofing effects



Flameproofing systems should not have a negative effect on the product characteristics and be useable in the greatest variety of ways possible. In addition to the specification requirements concerning flameproofing, smoke gas density and toxicity, the finish/coating also have to meet the "classic" requirements for good raw edge bonding, anchorage of pile, tuft and filament as well as the handle obtained. For this segment, we offer a selection of flameproofing dispersions for coating needlefelts and carpets.

**Emtex® D 193, Emtex® U 694, Emtex® U 695 and Emtex® U 696** are compatible with commercially available binding agent systems (natural latex, synthetic latex, acrylate and polyvinyl acetate) and are applied in a slop-padding process. Any corrections of pH-value that might be necessary should be taken into account. Depending on the binding agent system, use is also possible in foamed finishes/primers. The quantity used has to be geared to the binding agent system, type of fibre, fabric structure and the degree of flame resistance desired. 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.

## **Emtex®** **Flameproofing agent (without binding agent)** **for woven, tufted and needlefelt floor coverings**

<b>Product characteristics</b>				
	<b>Emtex® D 193</b>	<b>Emtex® U 694</b>	<b>Emtex® U 695</b>	<b>Emtex® U 696</b>
Colour	Reddish-grey	White	White	White
Solids content [%]	58 - 60	74 - 76	65 - 67	60.5 - 62.0
pH-value	9.0 - 10.5	9.0 - 10.5	7.5 - 9.5	8 - 10
Viscosity [mPas]	550 - 800*	1,500 - 3,000*	400 - 600*	1,500 - 2,500*
Halogen-free	●			
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. It is not allowed for **Emtex® D 193** to be stirred up by dissolver disks or similar stirring elements that apply high shearing forces.

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.