

Supron[®]

Finishing and coating agents for woven carpets



- Good filament anchorage along with tuft anchorage and raw-edge strength



Woven carpets differ according to so-called bordered carpets and continuous carpeting (also called fitted carpeting or wire loom carpet). Fitted carpets are double-weave in the main and are frequently given a stiffening. Continuous carpeting is often manufactured in several groups, therefore requiring good filament anchorage along with tuft anchorage and raw-edge strength. For these requirements, our Supron® dispersions provide finishing agents based on various polymers. Their selected combination results in synergies with regard to handle and elasticity. The medium-dispersed products, Supron® U 2368 and Supron® U 4248, which produce a very elastic handle, can be mixed with the harder dispersion, Supron® U 1148, at a ratio of 3:1 to 2:1 to obtain a somewhat fuller and harder handle.

The quantities used are between 100 g and 200 g dry weight per m² for fitted carpets and 350 g and 400 g dry weight per m² for continuous carpeting. Continuous carpeting is steamed before the finishing to guarantee good penetration of the finishing bath. The wetting behaviour is improved with Supronil® HN 78.

The viscosity should not be greater than 7-9 s (Viscosity DIN Cup 6) and can be varied with thickening agent (Wesopret® series). The total solids content of the finishing bath should be between 40 % and 50 %. Application is carried out chiefly by a slop-padding process. The finishing bath can also be foamed up slightly (approx. 700-800 g/l). Good antistatic values are obtained by adding Nostat GBF or Supronil® RA 88.

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

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Product characteristics

	Supron® U 1148	Supron® U 2368	Supron® U 4248
Colour	White	White	White
Polymer	PVAC	EVA	SBR
Solids content [%]	49 - 53	59 - 61	49 - 51
pH-value	4.5 - 5.5	4 - 7	7 - 9
Viscosity [mPas]	< 100*	2,800 - 5,000**	< 150*
Storage	Cool and frost-free (+5 to +30 °C)		
Stability in storage	6 months		

Safety Please consult the safety data sheets before use.

* Haake VT 02
** Brookfield, RV, spindle 4/5, 20 RpM, 23 °C

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.