

W-THANE 911/S

Low melting point aliphatic polyurethanes

CHEMICAL CHARACTERISTICS

Appearance:	Fluid
Colour:	Whitish colour
Smell:	Characteristic
Dry residue:	12.0 % +/- 1.0
pH (sol al 10%):	8.0 +/- 1.0
Charge:	Anionic
Solubility:	Miscible in H ₂ O
Tensile film breaking load:	2.0 – 5.0 MPa
Elongation at break:	600.0 % - 800.0 %
Film stiffness:	Medium - Soft
Hardness Shore:	40.0 – 50.0
Restistance to Hydrolysis:	Good

PRODUCT CHARACTERISTICS

W-THANE 911/S is a special formulation based on low melting point polyurethanes that have the characteristic of creating a very elastic and transparent film.

Due to its thermal melting properties, W-THANE 911/S is perfect for use in the formulation of base compounds because, following mechanical operations such as ironing or embossing, thanks to the effect of temperature, it tends to melt and penetrate into the skin.

This feature allows a remarkable filling and leveling effect of the defect while increasing the adhesion performance of the chemicals on the skin.

We suggest the use of W-THANE 911/S as a coupling product in case the leathers are finished with LAYERTECH technology.

The fusion of the W-THANE 911/S during the application of the Layertech in hot calender, allows to obtain a complete fusion between the polyurethane and the Layertech itself masking perfectly the defect and without loading the grain side.

The leather finished with this technique will result in a firm and compact grain, reducing the effect of blowing and splitting of the flower.

APPLICATIONS

W-THANE 911/S can be sprayed or roller applied.

It can be coloured with anionic pigments in a maximum quantity of 6% - 8% on the weight of the pure product.

The product can be diluted in water but we suggest to apply W-THANE 911/S without diluting.

Due to its high concentration, pay attention to the regulation of the air pressure and the opening of the nozzles, so as to obtain a fine and regular spray.

Wash the spray system thoroughly after each application to avoid clogging of the guns.

In order to increase the mechanical and attachment resistance, we suggest adding 1% to 2% isocyanate as our FIX ISO to W-THANE 911/S.

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Le caratteristiche chimico-fisiche del prodotto sono state determinate in accordo a procedure interne mediante metodi di analisi riconducibili a norme nazionali e/o internazionali riconosciute. Le informazioni contenute in questa scheda tecnica sono basate sulle nostre attuali conoscenze. Data la molteplicità dei fattori che possono influenzare la lavorazione e l'impiego dei nostri prodotti, il cliente è comunque tenuto ad effettuare da parte sua prove e controlli. Nessuna responsabilità può essere da noi assunta per un uso non corretto del prodotto.

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