



# SPS ADDITIVE

ADDITIVE FOR SELF-LEVELLING SCREEDS  
MADE WITH POLITERM® BLU AUTOLIV

## SPS ADDITIVE

Additive for self-levelling screeds made with Politerm® Blu Autoliv

COMPOSITION	Water-based solution composed of acrylic polymers for the efficient mixing of Politerm® Blu Autoliv, cement and aggregates, facilitating the hydration process of the cement. <i>The product is free of formaldehyde.</i>		
PACKAGING AND STORAGE	<ul style="list-style-type: none"> <li>· Barrel 200 L</li> <li>· Tank 1000 L</li> <li>· Keep away from frost and store in closed packaging. The exposure to the direct sunlight could cause a colour change, but without changing the performances of the product.</li> </ul>		
FIELDS OF APPLICATION	<ul style="list-style-type: none"> <li>· To be used for the realization of structural, insulating lightweight concrete or self-levelling concrete (minimum density 900 kg/m<sup>3</sup>). It facilitates the application of Politerm® Blu screed and improves the mechanical performances once dried.</li> <li>· Screeds with high mechanical performance and long workability.</li> </ul>		
CONSUMPTION / YIELD	0,7 % for 100 kg of cement.		
DOSAGE EXAMPLE for 1 m <sup>3</sup> at 900 kg/m <sup>3</sup>	<ul style="list-style-type: none"> <li>· 680 L of Politerm® Blu Autoliv.</li> <li>· 300 kg of cement.</li> <li>· 490 kg of aggregate (grain size 0,4 mm).</li> <li>· 150 L of water (according to the aggregate's humidity).</li> <li>· 2,1 L of SPS additive.</li> </ul>		
WARNINGS	It is recommended the use of suitable protection devices for the handling of chemical substances (gloves and glasses).		
TECHNICAL CHARACTERISTICS	Consistency:	liquid	-
	Colour:	amber	-
	Density g/cm <sup>3</sup> :	1,07 ± 0,02 at +20 °C	ISO 758
	Classification:	set retarder, high efficiency water reducer, super-plasticizing	UNI EN 934-2
	ASTM C494 classification:	G type	-
	ASTM C1017 classification:	II type	-
	Soluble chloride in water:	< 0,1 (absent according to UNI EN 934-2)	EN 480-1
	Alkali content:	< 2,5%	EN 480-12
	pH:	6,0 ± 1,0	ISO 4316

All the indications provided in this technical data sheet are purely approximate and not binding for legal purpose. The data listed has been gathered from laboratory tests and it hence follows that in practical applications on building sites the final characteristics of the products may be subject to substantial variations depending on the meteorological conditions and the installation. The user must always check suitability of the product for its specific use, undertaking all liability implicit in and deriving from use of the product, as well as comply with all methods and instructions for use generally referable to "workmanlike" execution. Edilteco S.p.A. reserves the right to change the contents of this mechanical data sheet on its final judgements. The spreading of this data sheet through any media, supersedes and cancels the validity of any other technical data sheet previously published.



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