

# N.EXT | FLEX

## MATERIAL PROPERTIES DATA SHEET

N.EXT | FLEX is a non-porous homogeneous flexible material produced by simultaneous application of heat and pressure.

This product is made of paper impregnated with aminoplastic thermosetting resins, covered with a special layer for UV and weather protection. All the layers are bonded together by a high pressure and high temperature process.

N.EXT | FLEX is intended for bonding to supporting substrates and is suitable for outdoor conditions using suitable supports.

PROPERTIES	TEST METHOD	PROPERTY OR ATTRIBUTE	VALUES	UNIT
<b>GENERAL PROPERTIES</b>				
<i>Surface quality</i>	EN 438-2:2016 Par. 4	Spots, dirt and similar surface defects	$\leq 2$	mm <sup>2</sup> /m <sup>2</sup>
		Fibers, hair and scratches	$\leq 20$	mm/m <sup>2</sup>
<i>Dimensional tolerances</i>	EN 438-2:2016 Par. 5	Thickness	0,25 ± 0,10	mm
	EN 438-2:2016 Par. 6	Roll width	+ 15 / - 0	mm
<b>PHYSICAL PROPERTIES</b>				
<i>Density</i>	EN ISO 1183	Density	$\geq 1$	g/cm <sup>3</sup>
<b>SURFACE PROPERTIES</b>				
<i>Resistance to scratching</i>	EN 438-2:2016 Par. 25	Force	$\geq 2$	Rating
<b>WEATHER RESISTANCE PROPERTIES <sup>(1)</sup></b>				
<i>Resistance to UV light</i>	EN 438-2:2016 Par. 28	Contrast	$\geq 3$	after 1500 hours exposure
		Appearance	$\geq 4$	after 1500 hours exposure
<b>ENVIRONMENTAL PROPERTIES</b>				
<i>Formaldehyde emission</i>	EN 13986	Formaldehyde emission rating	E1	Rating

### Notes

(1) Different substrates and different gluing methods may change the indicated values.

### Cleaning advice

To remove air contaminants, use water with diluted soap and wipe dry using a soft cloth. Avoid other detergents since they can damage the UV film on the panel. Remove calcium deposits with diluted lime remover. Test before on a sample not to damage the surface due to too high concentration. Remove pencil drawings with soft eraser. Remove graffiti with Isopropanol. Never use steel wool or abrasive detergents. Be careful with the rubbing pressure to avoid polishing and thus damaging the surface.