

**TECHNICAL DATA**  
**MFC 18 mm MR**  
 - V100A / E1  
 - V100A / EPFS E0

	test reference	(*) DIN 68765 (**) DIN 68763 (***) DIN 68761 / part 4	Test results Pfleiderer MFC
<b>scratch resistance</b>	DIN 53799	> 1.5 N	min. 2.0 N, higher subject to surface texture
<b>abrasion resistance</b>	DIN 53799 - Class N DIN 53799 - Class M DIN 53799 - Class H DIN 53799 - Class S	> 50-150 revolutions > 150-350 revolutions > 350-650 revolutions > 650 revolutions	> 50-200 revolutions subject to design > 150-400 revolutions subject to design > 350-750 revolutions subject to design > 650-900 revolutions subject to design
<b>steam test</b>	DIN 53799	change of gloss level allowed	change of gloss level allowed
<b>light fastness</b>	DIN 53799 / DIN 53387	> level 6	> level 6
<b>stain resistance</b>	DIN 53799 - Group 1 + 2 DIN 68861 - Group 1a	appearance not affected appearance not affected	appearance not affected appearance not affected
<b>thickness</b>	DIN 52361	+0.5 / - 0.3 mm	+0.5 / - 0.3 mm
<b>dimension cross</b>	DIN 52361	(*) $\pm 2.5$ mm / 2000 mm	$\pm 2.5$ mm / 2000 mm
<b>dimension length</b>	DIN 52361	(*) $\pm 2.5$ mm / 2000 mm	$\pm 2.5$ mm / 2000 mm
<b>density</b>	DIN 52361	-	681 kg / m <sup>3</sup>
<b>moisture content</b>	DIN 52361	(**) 5% - 12%	5,90%
<b>bending strength</b>	DIN 52362	(*) > 16 N / mm <sup>2</sup>	17.2 N / mm <sup>2</sup>
<b>inner bond</b>	DIN 52365	(*) > 0.35 N / mm <sup>2</sup>	0.6 N / mm <sup>2</sup>
<b>tensile strength</b>	DIN 52366	(***) > 1.00 N / mm <sup>2</sup>	1.21 N / mm <sup>2</sup>
<b>swelling 20 degree C - 2 h V100A</b>	DIN 52364	(***) < 8%	3,80%
<b>formaldehyde contents E1</b>	EN120	< 8 mgHCHO / 100g board 2)	< 6.5 mgHCHO / 100g 1)
<b>formaldehyde contents EPFS E0</b>	JIS A 5908	< 0.5 mg HCHO / ltr	< 0.5 mg HCHO / ltr

1) half year average

2) for raw board