



# M2 CARPETS

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## ESSENTIAL 1300

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### Kennzeichnende Merkmale | Technical details

Herstellungsverfahren   <i>Manufacturing process</i>	ISO 2424
Konstruktion   <i>Construction</i>	ISO 2424
Farbgestaltung   <i>Colour</i>	ISO 2424
Polmaterial   <i>Pile composition</i>	
Trägermaterial   <i>Primary backing</i>	ISO 2424
Rückenausrüstung   <i>Secondary backing</i>	ISO 2424
Poleinsatzgewicht   <i>Pile weight</i>	ISO 2424
Gesamtgewicht   <i>Total weight</i>	ISO 8543
Polhöhe   <i>Pile height</i>	ISO 1766
Gesamtdicke   <i>Total thickness</i>	ISO 1765
Noppenzahl   <i>Number of knots</i>	ISO 1763
Breite   <i>Width</i>	ISO 3018

<b>Tufting 1/10"</b>		
<b>Velours - saxony   <i>Cut pile - saxony</i></b>		
<b>Chromojet Druck   <i>Chromojet print</i></b>		
<b>100 % PA</b>		
<b>PP Gewebe   <i>PP Woven</i></b>		
<b>Textilrücken   <i>Textile backing</i></b>		
+/-	<b>1.300</b>	g/m <sup>2</sup>
+/-	<b>2.300</b>	g/m <sup>2</sup>
+/-	<b>5,5</b>	mm
+/-	<b>7,5</b>	mm
+/-	<b>237.000</b>	/m <sup>2</sup>
+/-	<b>400</b>	cm

### Funktionseigenschaften | Functional properties

Beanspruchungsklasse   <i>Wear classification</i>	EN 1307:2008
Komfortklasse   <i>Comfort rating</i>	EN 1307:2008

**CL 33 – gewerblich stark | *heavy contract***  
**LC 4**

### Bauphysikalische Eigenschaften | Physical properties

Oberflächenwiderstand   <i>Surface resistance</i>	ISO 10965:2011	+/-					Ω	
Durchgangswiderstand   <i>Vertical resistance</i>	ISO 10965:2011	+/-					Ω	
Schallabsorptionsgrad   <i>Sound absorption</i>	ISO 354:2003	Hz	125	250	500	1000	2000	4000
		α <sub>s</sub>	<b>0,01</b>	<b>0,05</b>	<b>0,11</b>	<b>0,28</b>	<b>0,37</b>	<b>0,48</b>
	ISO 11654:1997-07	α <sub>w</sub>		<b>0,25</b>	Hz			
Trittschallverbesserungsmaß   <i>Impact sound insulation</i>	ISO 10140:2010	+/-		<b>29</b>			dB	
Elektrostatisches Verhalten   <i>Antistatic behaviour</i>	ISO 6356:2012						kV	
Wärmedurchlasswiderstand   <i>Thermal retention</i>	ISO 8302:1991	+/-		<b>0,077</b>			m <sup>2</sup> /kW	
Brandverhalten   <i>Fire rating</i>	EN 13501-1	<b>Cfl-S1</b>						

### Echtheiten | *fastnesses*

Lichtechtheit   <i>Colour fastness to light</i>	ISO 105-B02	
Wasserechtheit   <i>Colour fastness to water</i>	ISO 105 E01:2013	<b>5</b>
Reibechtheit trocken   <i>Rubbing fastness dry</i>	ISO 105 X12:2002	<b>≥ 4</b>
Reibechtheit nass   <i>Rubbing fastness wet</i>	ISO 105 X12:2002	<b>≥ 4</b>



DIBt – abZ: II 45-1.156.601-88/14



These details are approximate. Complete specification details and associated certificates together with tolerances applying to the above can be provided upon request. We reserve the right to alter specifications without notice. Due to method of manufacture, perfect pattern and/or colour matching cannot be guaranteed. In cut pile carpet, shading/pile reversal might occur without affecting overall quality and suitability. Shading/pile reversal will not be considered as a manufacturing fault and will not affect the durability of the carpet.