



**Derkim Poliüretan San. Ve Tic. A.Ş.**

Fevzipaşa Mah. Gülbağlar Sok. No:6/A

Değirmenköy-Silivri/İSTANBUL

☎ 0 212 963 06 54

Component A (POLYOL) : Component A (Polyol) → CORPOLI C1 059AD1 + CORPOLI C2 2130  
CORPOLI MIDSOLE 100 p.b.w 10,50 p.b.w

Component B (ISOCYANATE) : CORATE 4212B

➤ **TYPICAL CHEMICAL PHYSICAL PROPERTIES :**

Parameter	Component A (POLYOL)	Component B (ISOCYANATE)	Unit
	CORPOLI MIDSOLE	CORATE 4212B	
Apperance at room temperature	Semi Solid	Liquid/Waxy	-
Melting point	70-80	70-80	°C
Solid material melting time	12-24	12-24	hrs
Viscosity at 35 °C	3300-3800	380-430	mPa·s
Density at working temperature	1,16	1,19	g/cm <sup>3</sup>

➤ **SHELF LIFE :**

6 months from manufacturing stored in its original sealed packaging at proper conditions.

➤ **HANDLING :**

	<b>Component A (POLYOL) CORPOLI MIDSOLE</b>	<b>Component B (ISOCYANATE) CORATE 4212B</b>	
<b>Parameter</b>	<b>Specific Value</b>	<b>Specific Value</b>	<b>Unit</b>
Mixing ratio	100	82	p.b.w
Working temperature	45-50	35-40	°C
Moulds temperature	50-60		°C
Demoulding time	150-180		sec
Reaction performance (Cream Time/Thread Time)	6-8 / 20-25		sec
Free Density	0,23-0,25		g/cm <sup>3</sup>

➤ **MECHANICAL PERFORMANCE OF THE FOAM**

<b>Parameter</b>	<b>Specific Value</b>	<b>Unit</b>
Density (UNI 10902)	0,50	g/cm <sup>3</sup>
Hardness (UNI EN ISO 868)	50-60	Shore A
Elongation at break (UNI EN 12803)	> 300	%
Tensile strength at break (UNI 12803)	> 5	MPa
Tear Resistance (UNI EN 12771)	> 6	N/mm
Flexural fatigue resistance (UNI EN ISO 17707) Test temperature : -10 / 15 °C	< 4	mm

**Ageing (UNI EN 12749)**

<b>Parameter</b>	<b>Specific Value</b>	<b>Unit</b>
Elongation at break (UNI EN 12803)	> 300	g/cm <sup>3</sup>
Tensile strength at break (UNI EN 12803)	> 5	N/mm
Flexural fatigue resistance (UNI EN ISO 17707) Test temperature : + 23 °C	< 4	mm