



PRODUCT INFORMATION SHEET

Komfort Plus CC30 CE

A closed cell, spray applied Polyurethane foam for use in a variety of applications in commercial, industrial, residential and agricultural buildings. The continuous application of Komfort Plus CC30 offers superior thermal insulation with economical yield.

Features and Benefits

- Excellent yield & adhesion
- Low odor sprayfoam material
- Excellent processing, fast reaction
- Excellent adhesion
- HFC 245fa blowing agent (zero ODP)
- CE approved system

Applications

- Agricultural and storage buildings
- Renovation walls and ceilings
- New build walls and ceilings
- Commercial buildings
- Loft conversions

Foam Properties

Properties	Values	Method						
Density (Core)	30 - 32 kg/m ³	EN ISO 845						
Reaction Profile	CT: 5s / GT: 10s / Tft: 15s	EN 14315-1						
Closed Cell Content	> 90%	ISO 4590						
Thermal Conductivity at 10°C (initial)	0.022 W/m.K	EN 12667						
Declared Aged Thermal Conductivity At 10 °C (λ_D)	<table border="1"><tr><td>≥ 120 mm</td><td>0.027 W/m.K</td></tr><tr><td>80 to 120 mm</td><td>0.028 W/m.K</td></tr><tr><td>≤ 80 mm</td><td>0.029 W/m.K</td></tr></table>	≥ 120 mm	0.027 W/m.K	80 to 120 mm	0.028 W/m.K	≤ 80 mm	0.029 W/m.K	EN 14315-1
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Dimensional Stability (-20°C)	≤ 1.0%	EN 1604						
Dimensional Stability (75°C / 95% R.H.)	≤ 9.0%	EN 1604						
Water vapour transmission (μ)	80	EN 1663						
Compressive Strength (10%)	150 kPa	EN 844						
Fire Properties	E Class G3	EN 11925-2 GOST 30244-94 (Ru)						





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Packaging and storage

	A Component (Polyol)	B Component (Diiso)
Metal drum	230 kg	250 kg
IBC	1150 kg	1250 kg
Storage Temperature	5 - 30°C	5 - 30°C
Shelf Life	6 months	6 months

EHS

This product contains diisocyanates which can be harmful if handled in the incorrect way. The material should only be applied by trained installers. Please refer to the SDS for detailed hazard information. Please also refer to the safe use guidelines and the Huntsman training package.

Processing

Machine Parameters:	Substrate:	Application:
<ul style="list-style-type: none"> Mixing ratio (vol.): 1:1 	<ul style="list-style-type: none"> Dry and clean 	<ul style="list-style-type: none"> Thickness layers: max. 40mm
<ul style="list-style-type: none"> Temp. drum: 15 - 20°C 	<ul style="list-style-type: none"> Substrate temperature >10°C 	<ul style="list-style-type: none"> >12 cm spray foam: 12 hrs waiting time between 2 layers
<ul style="list-style-type: none"> Temp. machine heaters: 40 - 60°C 	<ul style="list-style-type: none"> Check before substrate adhesion 	<ul style="list-style-type: none"> See PDS
<ul style="list-style-type: none"> Temp. hose: 40 - 60°C 	<p>to ensure:</p> <ul style="list-style-type: none"> → good adhesion → good foam properties 	<ul style="list-style-type: none"> See Safe Use Guidelines
<ul style="list-style-type: none"> Working Pressure: 80 - 100 bar 		<ul style="list-style-type: none"> See Huntsman training package for detailed EHS-related guidelines on Ventilation, Personal Safety, Re-occupancy & re-entry, Fire safety
<p>recommendations:</p> <ul style="list-style-type: none"> - always spray at pressure above 65bar - always spray with difference in pressure lower than 15 bar 		

Remark

Due to the existing fire risk of polyurethane in some applications, for interior insulation, the foam surface must always be covered with a fire protection. Exterior applications must always be provided with a coating to protect it against all different weather elements.

