CERTIFICATE

Certificate of Conformity

tesa® 60652
tesa® 60672
tesa® 60670

Samples were tested at an UL facility in accordance with the requirements of Standard ANSI/UL723, Eleventh Edition, dated April 19, 2018, "Test for Surface Burning Characteristics of Building Materials", (ASTM E84). The test determines the Surface Burning Characteristics of the material, specifically the flame spread and smoke developed indices when exposed to fire.

The maximum distance the flame travels along the length of the sample from the end of the igniting flame is determined by observation. The Flame Spread Index of the material is derived by plotting the progression of the flame front on a time-distance basis, ignoring any flame front recession, and using the equations described below:

A. CFS = 0.515 AT when AT is less than or equal to 97.5 minute-foot.
B. CFS = 4900/(195-AT) when AT is greater than 97.5 minute-foot.
Where AT = total area under the time distance curve expressed in minute-foot.

The Smoke Developed Index (SDI) is determined by rounding the Calculated Smoke Developed (CSD) as described in UL 723. The CSD is determined by the output of photoelectric equipment operating across the furnace flue pipe. A curve is developed by plotting the values of light absorption (decrease in cell output) against time. The CSD is derived by expressing the net area under the curve for the material tested as a percentage of the area under the curve for untreated red oak.

The CSD is expressed as:

CSD = (Am/Aro) x 100
Where: CSD = Calculated Smoke Developed
Am = The area under the curve for the test material.
Aro = The area under the curve for untreated red oak.

tesa tape	**CFS Calculated Flame Spread**	**FSI Flame Spread Index**	**CSD Calculated Smoke Developed**	**SDI Smoke Developed Index**
tesa® 60652	0.00	0	0.00	0
tesa® 60672	0.00	0	0.00	0
tesa® 60670	0.00	0	0.00	0

tesa SHEQ Product Stewardship
Email: tesa9120safety@tesa.com

tesa SE
Hugo-Kirchberg-Straße 1
22848 Norderstedt
Germany