

## Declaration of performance č. 1/2019

This declaration of performance is issued, in accordance with regulation EU 305/2011

Name and contact address of manufacturer:

**bentglass a.s., Srbská 53, 612 00 BRNO, IČ: 65277058**

Place of production: bentglass a.s., Wolkerova 690, 683 23 Ivanovice na Hané

**Thermally toughened glass KALSEC®  
Thermally toughened glass Lacobel T**

Intended to be used in buildings and construction works, following EN 12150-2 (04/2005)

**The performance of product identified above is in conformity with the set of declared performance. This declaration of performance is issued, in accordance with regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.**

Initial type tests performed:

**Accredited testing laboratory IKATES s.r.o., Tolstého 186, 415 03 Teplice,  
test report č.: A-167/2007, 337/2010, 289/2013, 286/2016, 245/2019**

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System or systems of assessment and verification of constancy of performance: 3,4

European Technical Assessment ETA - Not issued



Declared performance:

characteristics in :	Vlastnost	Technical standard
<b>Resistance to fire</b>	NPD	ČSN EN 13501-2 (04/2015)
<b>Reaction to fire</b>	NPD	ČSN EN 13501-1 (04/2016)
<b>External fire performances</b>	NPD	ČSN EN 13501-4 (03/2010)
<b>Bullet resistance</b>	NPD	ČSN EN 1063 (09/2000)
<b>Explosion resistance</b>	NPD	ČSN EN 13541 (08/2012)
<b>Burglar resistance</b>	NPD	ČSN EN 356 (11/2000)
<b>Pendulum body impact resistance</b>	tl. = 4 mm - 1(C)2 tl. > 4mm - 1(C)1	ČSN EN 12600 (09/2003)
<b>Resistance against sudden temperature change and temperature differentials</b>	NPD	
<b>Wind, snow, permanent and imposed load resistance</b>	NPD	ČSN EN 1991-1-(1-7) ČSN EN 1990 (04/2000)
<b>Direct airborne sound reduction</b>	NPD	ČSN EN 12758 (07/2011)
<b>U-value</b>	NPD	ČSN EN 673 (09/2011)
<b>- Solar transmission/reflection/factor (EN 410): <math>t_e / r_e / r'_e</math></b> <b>- Solar factor: g</b>	NPD	ČSN EN 410 (10/2011)

Signed for and on behalf of the manufacturer by:

In Brno, dne 8th. november. 2019



Ing. Pavel Hrabík  
director of company