

Surface stress

Resistance to surface stress according to DIN 68 861: melamine fronts		
Sress	Resistance / performance class	Characteristic values / explanation
Resistance to chemicals	1 C	The surface does not show any traces of the test substances (e. g. wine, beer, coke) after the prescribed exposure time
Abrasion / scuffing	2 D	Resists at least 50 revolutions of an oscillating abrasion tester loaded with sand paper, without the surface being affected
Scratch resistance	4 C	A 150 g weight acts on a diamond tip without leaving any visible scratches on the surface
Dry heat	7 C	A tester heated to 100°C does not bring about any change to the surface after an exposure time of 20 minutes
Moist heat	8 B	A tester heated to 75°C and placed on a dripping wet piece of filter paper does not bring about any change to the surface after an exposure time of 20 minutes
QM 05/14 FW		

Resistance to surface stress according to DIN 68 861: miscellaneous surfaces, e. g. wood, lacquered and visible sides etc.		
Sress	Resistance / performance class	Characteristic values / explanation
Resistance to chemicals	1 C	The surface does not show any traces of the test substances (e. g. wine, beer, coke) after the prescribed exposure time
Abrasion / scuffing	2 E	Resists at least 25 revolutions of an oscillating abrasion tester loaded with sand paper, without the surface being affected
Scratch resistance	4 E	A 50 g weight acts on a diamond tip without leaving any visible scratches on the surface
Dry heat	7 C	A tester heated to 100°C does not bring about any change to the surface after an exposure time of 20 minutes
Moist heat	8 C	A tester heated to 50°C and placed on a dripping wet piece of filter paper does not bring about any change to the surface after an exposure time of 20 minutes
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Resistance to surface stress according to DIN 68 861: laminated worktops		
Sress	Resistance / performance class	Characteristic values / explanation
Resistance to chemicals	1 B	The surface does not show any traces of the test substance (e. g. acetic, acid, beer, coke, petrol, onion, disinfectants) after the prescribed exposure time
Abrasion / scuffing	2 B	Resists at least 350 revolutions of an oscillating abrasion tester loaded with sand paper, without the surface being affected
Scratch resistance	4 B	A 200 g acts on a diamond tip without leaving leaving any visible scratches on the surface
Dry heat	7 B	A tester heated to 140°C does not bring about any change to the surface after an exposure time of 20 minutes
Moist heat	8 A	A tester heated to 100°C and placed on a dripping wet piece of filter paper does not bring about any change to the surface after an exposure time of 20 minutes
Impact resistance	DIN EN 438-2	The surface resists an impact test conducted applying an impact force of 15 N
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