

## SPECIFICATION

### Standard Size

Standard Thickness/mm	Standard Width and Standard Length/mm
15	3000*1400mm; 3200*1600mm
18	3000*1400mm; 3200*1600mm
20	3000*1400mm; 3200*1600mm
30	3000*1400mm; 3200*1600mm

\* Customized size can be made.

### Weight

Size/mm	Weight/kg	Size/mm	Weight/kg
3000*1400*15	152	3200*1600*15	185
3000*1400*18	182	3200*1600*18	222
3000*1400*20	202	3200*1600*20	246
3000*140*30	303	3200*1600*30	369

### Material Properties

Property	Test standard	Unit	Results
Water absorption	EN 14617-1:2013	%	0.01
Apparent Density	EN 14617-1:2013	kg/m <sup>3</sup>	2420
Flexural strength	EN 14617-2:2008	Mpa	42.2
Thermal shock resistance	EN 14617-6:2012	-	Mass loss: 0.02% Flexural strength after thermal shock: 42.7 Mpa Flexural strength loss: -1.2%
Slip resistance (polished)	EN 14231:2003	-	SRV"dry": 74; SRV"wet": 13
Abrasion resistance (polished)	EN 14617-4:2012	mm	24.1
Impact resistance	EN 14617-9:2005	J	3.99
Chemical resistance	EN 14617-10:2012	-	Classification: C4
Linear thermal expansion	EN 14617-11:2005	-	22.3 × 10 <sup>-6</sup> (1/°C)
Dimensional stability	EN 14617-12:2012	-	Class: A
Dimensions, geometric characteristics and surface	EN 14617-16:2005	-	No defects
Release of danger substances(SVHC 163)	SGS In-house method	-	<=0.1%(w/w) Not detected

\* Properties based on White CS001. Values may vary from colors.

Chemical resistance (DIN  
68861)

Substance tested	Evaluation
Acetic Acid	No effect
Citric Acid	No effect
Sodium Carbonate	No effect
Ammonia Hydroxide	No effect
Alcohol	No effect
Red wine	No effect
Black Ink	No effect
Coffee	No effect
Cola	No effect
Beer	No effect
Hydrogen Peroxide	No effect
Hygienic cleaning agent	No effect
Lipstick	No effect
Olive oil	No effect

\* Properties for White CS001. Values may vary from colors.

#### Applications

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- Kitchen countertops
- Bathroom countertops
- Claddings
- Laboratory
- Worktops
- Commercial spaces