

SERIES 611

GRANITE SURFACE PLATE



- ◆ Made of fine-grained granite
- ◆ Customized size can be ordered



611-042-00

Physical characteristics of granite

Shore hardness	94HS
Flexural strength	28MPa
Compressive strength	236MPa
Elastic modulus	$9.88 \times 10^4 \text{ MPa}$
Poisson's ratio	0.33
Volume density	3000 kg/m^3
Water absorption rate	0.05%
Linear expansion coefficient	$6 \times 10^{-6} / ^\circ\text{C}$



Grade 00

Code	Size(LxWxH)	Flatness	Weight(Kg)
611-032-00	300x200x60mm	2.7μm	11
611-042-00	400x250x60mm	2.9μm	18
611-044-00	400x400x60mm	3.1μm	29
611-053-00	500x315x70mm	3.2μm	33
611-064-00	630x400x80mm	3.5μm	60
611-066-00	630x630x100mm	3.8μm	119
611-085-00	800x500x100mm	3.9μm	120
611-106-00	1000x630x140mm	4.4μm	265
611-107-00	1000x750x150mm	4.5μm	337
611-101-00	1000x1000x150mm	4.8μm	450
611-121-00	1200x800x160mm	4.9μm	461
611-161-00	1600x1000x180mm	5.8μm	864
611-201-00	2000x1000x220mm	6.5μm	1320
611-215-00	2000x1500x250mm	7.0μm	2250

Grade 0

Code	Size(LxWxH)	Flatness	Weight(Kg)
611-032-10	300x200x60mm	5.4μm	11
611-042-10	400x250x60mm	5.9μm	18
611-044-10	400x400x60mm	6.3μm	29
611-053-10	500x315x70mm	6.4μm	33
611-064-10	630x400x80mm	7.0μm	60
611-066-10	630x630x100mm	7.6μm	119
611-085-10	800x500x100mm	7.8μm	120
611-106-10	1000x630x140mm	8.7μm	265
611-107-10	1000x750x150mm	9.0μm	337
611-101-10	1000x1000x150mm	9.7μm	450
611-121-10	1200x800x160mm	9.8μm	461
611-161-10	1600x1000x180mm	11.5μm	864
611-201-10	2000x1000x220mm	12.9μm	1320
611-215-10	2000x1500x250mm	14.0μm	2250

With manufacturer inspection certificate