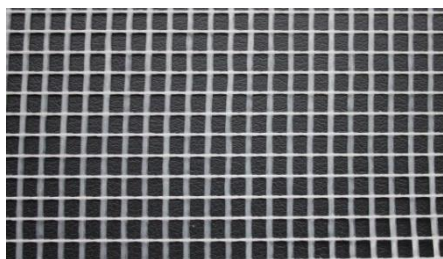


Glass fiber mesh BENSTEN



BENSTEN is glass fiber mesh manufactured by warp-knitting method and impregnated with alkali-resistant polymer solution. Glass fiber mesh BENSTEN is produced according to requirements of ETAG 004 at STEKLONIT's ISO 9001 certified facility.

Typical application: reinforcement of plaster and putty coverings during construction and repair of buildings of different purpose.

Physical properties of glass fiber meshes BENSTEN

PROPERTY	UNITS	DATA			
Mesh type		BENSTEN 140	BENSTEN 150	BENSTEN 160	BENSTEN 320
Raw material	glass				
Mass/unit area	g/m²	140 (±5%)	150 (±5%)	160 (±5%)	320 (±5%)
Aperture size	mm	5x5* (±1)			12x12* (±1)
Mass fraction of substances lost upon ignition	%	≥18			
Tensile strength in initial condition					
Machine Direction (MD)	N/5cm	≥1100	≥2000	≥2000	≥3600
Cross-Machine Direction (CMD)	N/5cm	≥1100	≥1900	≥2000	≥3600
Tensile strength after holding in alkali solution for 24 hours (after «quick test»)					
Machine Direction (MD)	N/5cm	≥660	≥1200	≥1200	≥2160
Cross-Machine Direction (CMD)	N/5cm	≥660	≥1000	≥1200	≥2160
Tensile strength after holding in alkali solution for 28 days					
Machine Direction (MD)	N/5cm	≥550	≥1000	≥1000	≥1800
Cross-Machine Direction (CMD)	N/5cm	≥550	≥800	≥1000	≥1800
Tensile elongation	%	≤4			
Node shearing strength	N	≥4	≥5	≥5	≥7
Standard roll size					
width	cm	100* (±1%)			
length	m	50* (±2)			25* (±2)

Note: * it is acceptable to manufacture meshes with other specification upon agreeing with a consumer

All rolls of BENSTEN are encased in sturdy polyethylene wrap.

Contact STEKLONIT for information on our material warranty.

For the purpose of optimizing and improving technical characteristics of the product, the manufacturer reserves the right to modify standard characteristics of the product without any notice.

15, Tramvaynaya str., Ufa, the Republic of Bashkortostan, 450027, Russia
 phone: +7 (347) 293-76-00 fax: +7 (347) 293-76-25
www.ruscompozit.com