

Fabric from Basalt Fiber QBZ – 300TR

Technical parameters			
type 2)		Fabric from Basalt fiber	
		QBZ-300TR	Standard/Method
nominal weight [g/m ²] ¹⁾		300	ISO 3374:2000
nominal thickness [mm] ¹⁾		0,3	ISO 4603:1993
warp/weft density		4.4/7	ISO 4602:1997
kind of interweaving ³⁾		L	
warp tex		140X2	
weft tex		140X2	
tensile strenght N/50mm	warp	1600±5%	ISO 4606:1997
	weft	3500±5%	
nominal width [mm]		1200	ISO 5025:1997

Physical parameters	
shape	fabric
physiologic characteristics	with pleasant sensation
toxic characteristics	safe
temperature stability	-260°C ÷ +700°C
fire resistance	do not burn according to DIN 4102
stability toward vibration	vibration resistant

Other typical characteristics of production	
data about ecology	ecologically harmless
preventive measure	do not need any technical and individual measures
winding	on plastic pipe with diameter of 100mm
storage	dry, protected from moisture

Chemical parameters	
colour	grey, greenish
smell	odorless
sizing	Silan
material content	SiO ₂ >48; Al ₂ O ₃ >14; Fe ₂ O ₃ >7; CaO>8 MgO>3,5; NaO_KO>2,5; TiO ₂ >0,2; MnO ₂ >0,2
mass loss in moisture	Type of fabric TR no more than 3%

Finished production is rolled as 100m rolls; piles are put on the pallets and transported by covered transportation facilities or container.

NOTES: According to the consumers' demand the width of the roll can be regulated from 1000 to 1300mmeter.

¹⁾ Scheduled figures

²⁾ TR - Fabric from Twisted fiber and Roving

³⁾ L - Linen

Tested sample: 1m²

Date of test



ISO 9001:2000

Certificate Number: 184266