

Product Data Sheet

Product Name: GT550	Standard: EN 10300 Type B / AWWA C 203
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Product Description

GT550 is bitumen-impregnated non-woven glass fiber reinforced fabric which is impregnated with bitumen enamel to ensure optimum protection of the fibers and to facilitate bleed-through of the enamel. The product is manufactured to an exact degree of porosity which promotes effective adhesive between outer wrap and enamel. GT550 Outer wrap comprises a uniform fabric of chemically resistant borosilicate glass, reinforced longitudinally with continuous filament glass yarns at 8-10 mm centers. This type of outer wrap is suitable for most soil conditions.

Delivery

GT550 outer wrap is supplied in customized widths and lengths. After production the product is placed on pallets and packed in shrink film, thus allowing easy transport of the material.

Application

Bitumen Enamel is applied to steel pipes, previously primed with Synthetic Primer, at 215-230°C. Also one or two layer of inner-wrap and one layer of outer-wrap are used in this coating system.

Storage

GT550 is stored upright on a dry surface. The product should not be exposed to direct sunlight and maximum storage height is 2.50 m.

Standards

GT550 meets and exceeds the requirements for outer-Wraps in EN 10300, type B and AWWA C 203.

Quality Control

All raw materials for GT550 is tested and approved in the laboratories of RAHA Bitumen Co. The quality of the finished outer-Wrap is controlled in accordance with related standard or customer's specific requirements and a test certificate is provided for each batch produced.



Unit303,Navab Complex,
Navab Safavi St.,Esfahan-Iran



+983132355207
+983132355214



www.rahabitumen.com



info@rahabitumen.com



GT550 Outer-Wrap Technical Data			
Properties	Unit	Requirement	Method of test
Mass per area of base glass/carrier	gr /m ²	Min 80	EN 10300, Annex M
Type of base glass/carrier	—	Non-woven glass fiber tissue	—
Mass per area	gr /m ²	Min 550	EN 10300, Annex M
Thickness	mm	Min 0.76	EN 1849-1a
Tensile Strength			EN 12311-1 modified as in Annex N of EN 10300
– Longitudinal	N/50mm	Min 300	
– Transverse N	N/50mm	Min 230	



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