



Speaker Cabinet Polyurea Material



Qingdao Shamu Advanced Material Co., Ltd.

Serve For China Face To The World

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Qingdao Shamu Advanced Material Co., Ltd (hereafter called “Shamu”) devotes itself to the researching, producing and marketing pure polyurea, honored with “Leading in China, Supreme in the world” . The series of Qtech, representative pure polyurea of Shamu, are competent for waterproof, anti-corrosion, anti-abrasion, impact resistance etc.

Shamu is the pioneer applying polyurea technology on speaker-box, In 2011, Shamu originally drove polyurea to the speaker industry and has constructed a mature polyurea-sprayed system for speaker-box. Qtech-416 series coatings have been used on the speaker-box manufactured by β_3 , SE, Soundking, BOSE, JBL, INTER-M TONWEL TOA and VATASA, selling well in China and abroad, possessing absolute market share of speaker-box.





Qtech-416 SERIES SUPER-LONG DURABLE DECORATIVE MATERIAL FOR Speaker Cabinet

Product Description

Qtech-416 SERIES SUPER-LONG DURABLE DECORATIVE MATERIAL FOR Speaker Cabinet is a specific material for the surface of high-level sound boxes decorative material. It is super-long, waterproof and anti-abrasive, and can be used for more than 50 years in any acute environment. Surface granulation, noble and elegant, color optional and desired visual effect. Rapid spraying with special equipment can raise the coating efficiency. It takes 8 hours to finish 1000m².

Properties

- Super-long durability, applicable to sound boxes in any acute environments for over 50 years
- Surface granulation, noble and elegant, color optional, desired visual effect
- Excellent waterproof, abrasion resistant, good weather ability, no chalking, no fading, no peeling-off
- Fast curing, gelling in several seconds, walking strength in several minutes and the same day spraying and delivery
- Excellent physiochemical properties bondable and paintable to various kinds of substrates
- Ambient insensitive, good thermal stability
- No VOC, non-polluting, environmental-friendly
- Excellent anti-corrosion, skidding resistance, impermeability



VOC	0	Gel Time	5 ~ 10
Tensile Strength /MPa	≥22	Elongation at Break /%	≥70
Tear Strength /(N/mm)	≥70	Shore D Hardness	≥65
Abrasion Resistance /(cm3 /1.61km)	≤0.15	Impact Strength /(Kg.cm)	70
Density /(g/cm3)	1.05		

Drying time is temperature, humidity, and film thickness dependent.

The Most Advanced Polyurea Spray Machine



Being strongly cooperated with PMC® Corporation (Polyurethane Machinery Corporation, formerly known as spray machine originator, GUSMER) , Shamu will provide the best polyurea technology as well as the most advanced polyurea spray machine, the most recommended one for speaker is PHX-2.



● PHX-2 proportioner

Most cost-effective Spray Machine: PHX-2

- Advanced Appearance Design, Economical Price
- Device Control unit, Avoid Burning the Panel
- New Design to Avoid “Crossover” of the materials
- Cyclic Counter, Accurate Controlling
- Automatic Digital Temperature Control
- Redundant Over Temperature Protection
- Hose Heat Tap Settings, Longer Service Life
- Pressure Balance Control(PBC)
- Low Amperage Requirements, More Efficient
- Best Choice for Inner Tank, Speaker Box, Helmet, Bedliner Etc.

Main technical parameters of PHX-2

MODEL	PHX-2
Output*	1.7gallon/min
Maximum Working Pressure	3000 psi
Maximum Hose Length	410 ft
Heater Wattage	10,500 watts
Max. Fluid Temperature	190°F (88°C)
Weight (w/o Hydraulic Fluid)	415 lbs
Weight (with Hydraulic Fluid)	450 lbs
Electrical	3x380V, 51A
Dimensions	111x55x132 cm

For more information please contact us or visit our website www.shamu-intl.com and www.polyurea.cn.

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