

Shamu[®]
鲨木



技术领先 品质卓越

Leading Technology

Proven Quality



青岛沙木新材料有限公司
Qingdao Shamu Advanced Material Co., Ltd.

服务中国 面向世界

Serve For China Face To The World

青岛沙木新材料有限公司

青岛沙木新材料有限公司（简称“沙木新材”）致力于纯聚脲材料的研究开发、生产经营与技术服务。研制的Q-tech系列纯聚脲产品涉及防水、防腐、耐磨、抗冲等众多领域，拥有“中国领先、世界知名”品牌的美誉。

沙木新材是中国首家将聚脲技术应用于音箱行业的企业，于2011年正式将聚脲推向音箱领域。与国内外音响企业巨头、聚脲科研机构合作，持续加大研发力度，在产品创新上实现了质的跨越。目前自主研发的Qtech-416系列音响防护材料已应用到β3、SE、Soundking、Bose、JBL等国内外知名音响品牌，在音响行业占有绝对主导地位。



Qingdao Shamu Advanced Material Co., Ltd.

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

BOSE, JBL and many other reputable audio brands, selling well in China and abroad, possessing absolute market share of speaker-box.





Qttech-416系列 音箱专用超长耐久饰面材料

Qttech-416 SERIES SUPER-LONG DURABLE DECORATIVE MATERIAL FOR SOUND BOXES

产品简介 / Product Description

Qttech-416系列音箱专用超长耐久饰面材料，是本公司根据最新国际流行趋势，专门为高端音箱精心研发设计的饰面材料。具有超长耐久、防水、耐磨等特点，确保音箱在各种苛刻环境稳定使用50年以上；表面造粒，高贵典雅，颜色可调，视觉效果极佳；专用设备快速喷涂，8小时喷涂1000平米，有效提高涂装效率。

Qttech-416 Series super-long durable decorative material for sound boxes, 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.

性能特点 / Properties

- 超长耐久，适用于音箱在各种苛刻环境下，稳定使用50年以上；
Super-long durability, applicable to sound boxes in any acute environments for over 50 years
- 表面造粒，高贵典雅，颜色可调，视觉效果极佳；
Surface granulation, noble and elegant, color optional, desired visual effect
- 防水、耐磨、耐候性好、不粉化、不失光、不脱落；
Excellent waterproof, abrasion resistant, good weather ability, no chalking, no fading, no peeling-off
- 快速固化，几秒钟凝胶，几分钟达到初步强度，无需烘烤晾干，当天喷涂当天发货
Fast curing, gelling in several seconds, walking strength in several minutes and the same day spraying and delivery
- 对各类基材均具有良好的附着力；
Excellent physiochemical properties, bondable and paintable to various kinds of substrates
- 对湿气、温度不敏感，热稳定性好；
Ambient insensitive, good thermal stability
- 零VOC、无污染、对环境友好；
No VOC, non-polluting, environmental-friendly
- 具有优良的防腐、防滑、防渗性能。
Excellent anti-corrosion, skidding resistance, impermeability



主要性能指标

挥发性有机物 (VOC)	0	凝胶时间/秒 (Gel Time)	5 ~ 10
拉伸强度/MPa (Tensile Strength)	≥22	断裂伸长率/% (Elongation at Break)	≥70
撕裂强度/(N/mm) (Tear Strength)	≥70	硬度/邵D (Shore D Hardness)	≥65
耐磨性/(cm3 /1.61km) (Abrasion Resistance)	≤0.15	冲击强度/(Kg.cm) (Impact Strength)	70
密度/(g/cm3) (Density)	1.05		

注：以上参数均为采用PHX-40主机、AP-2喷枪及同类设备，在实验室条件下喷涂，于23±2℃相对湿度为50%±5%条件下固化7天后测试的物理性能。
Drying time is temperature, humidity, and film thickness dependent.

沙木新材最新聚脲喷涂机—PMC聚脲喷涂设备 The Most Advanced Polyurea Spray Machine



青岛沙木新材料有限公司在为您提供优质聚脲技术的同时，与美国PMC公司（Polyurethane Machinery Corporation，该公司前身为聚脲设备鼻祖GUSMER公司）强强联手，竭诚为您提供世界领先的聚脲喷涂设备。

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 is PHX-2.

性价比最高的喷涂设备：PHX-2

- 新型外观设计、价格经济实惠
- 器件单元式控制，不烧电路板，节省大量费用
- 增加了防止“串料”的创新设计，操作稳定可靠
- AP-2枪重量减少40%、外形尺寸减少60%
- 循环加法计数器，可精准控制喷涂操作
- 自动数字温控
- 防过热装置，使用寿命长
- 可根据管道长度设定加热功率
- 增加压力平衡装置，可在压力偏差超过设定值时自动停机
- 钢结构储罐内壁、音箱外壳、头盔、皮卡货厢等中小型工程的最佳选择

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
- Small & Lightweight of AP-2 Gun
- 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.



● PHX-2主机



● PX-7喷枪



● AP-2 喷枪

PHX-2主机主要技术参数 / Main technical parameters of PHX-2

机 型 / MODEL	PHX-2
输出量, 公斤/分钟 / Output*	6.43 / 1.7gallon/min
最大工作压力, psi / Maximum Working Pressure	3000 / 3000 psi
管道最大长度, 英尺 / Maximum Hose Length	410, 8节 / 410 ft
加热功率, 瓦特 / Heater Wattage	10, 500 / 10,500 watts
管道最高加热温度, °F / Max. Fluid Temperature	190, 即88°C / 190°F (88°C)
设备自重, 磅 / Weight (w/o Hydraulic Fluid)	415, 即166公斤 / 415 lbs
满载液压油重量, 磅 / Weight (with Hydraulic Fluid)	450, 即197公斤 / 450 lbs
电气参数 / Electrical	3x380伏特, 51安培 / 3x380V, 51A
体积, 长x宽x高, 厘米 / Dimensions	111x55x132 / 111x55x132 cm

更多信息请咨询我公司技术人员或请登录我公司网站www.shamu-intl.cn查询

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

