



V.1 GB  
REV 11-11.2016.

High Performance Coatings

# Q-Line<sup>®</sup> 1100

(For professional use only)

## Technical Datasheet



[www.qlinedirect.com](http://www.qlinedirect.com)



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### TDS

Colour/Type	Black fast drying solvent free water based sound deadening compound can be painted over when dry with synthetic resin, epoxy & PVC-based paints.
Areas of usage:	Mainly for use in cars, recreational vehicles, trains and machine construction for sound reduction of vehicle parts (doors, motor covers, gear coverings).
Environment:	Solvent free water based, Please check local requirements and MSDS.
Packaging:	12 kg pail, 60 kg drum, 250 kg drum
PPE:	Wear Air-fed respiratory equipment mask and gloves. Avoid skin contact. Refer to MSDS & COSHH.
Storage:	Approximately 12 months if kept cool and dry in the original packaging, the product is not frost resistant. Protect from heat and direct sunlight. Storage temperature Min/Max temp +15/+25°C.
Surface prep:	Must be cleaned and free of grease. Un-galvanized steel sheet and raw aluminium sheet must be protected against corrosion as contains water.
Equipment needed:	Air spraying equipment using a 3/5" hose up to 10m in length with 2-4mm nozzle between 5:1 & 12:1 with 3-4 bar & 4-5 bar for secondary pressure. Or Airless pump system at 55:1 with pressure 3-4 bar.
Tests:	ISO9001. (For further information contact B.I.G International LTD).
Applying/Drying:	For a thickness of 4 mm wet, approx 20 hours (40°C = 8 hours, 60°C = 3 hours, drying temperatures up to 80°C are possible). Apply at +5/+35°C
Origin/Manufacture:	B.I.G International NV (Netherlands)



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## Useful Information

How to optimise the use of Q-Line® 1100

### Applications:

Q-Line® 1100 is a water based solvent free sprayable sound damping compound, mainly for use in cars, recreational vehicles, trains and machine construction. The product also provides sound reduction for waste containers (e.g. glass containers), air ventilation systems, vehicle parts (doors, motor covers, gear coverings etc.) and the coating of boiler covers in the heating sector. It's possible to apply the coating onto the engine support mount in diesel vehicles and the product can withstand temperatures upto 120°C, 160°C for 1 hour. Once applied the coating can be painted over when dry with synthetic resin, epoxy and PVC-based paints and provides excellent acoustic properties. The acoustic properties are dependent on the thickness applied, 'Oberst' sound loss factor (as specified in DIN 53440) of 0.1 to 0.3. A sound loss factor of 0.1 is generally considered adequate.

### Method of use:

The surface must be cleaned and free of grease. Un-galvanized steel sheet and raw aluminium sheet must be protected against corrosion as Q-Line® 1100 contains water. Apply with air spraying equipment using a 3/5" hose up to 10m in length with a 2-4mm nozzle between 5:1 & 12:1 with 3-4 bar & 4-5 bar for secondary pressure. Or an airless pump system at 55:1 with pressure 3-4 bar the wet layer thickness should be about 3mm. A spatula can be used for small area applications and excess product can be removed with water or when dry with white spirit.

### IMPORTANT

Q-Line® Are manufactured by B.I.G International LTD. Q-Line® products information are based on laboratory tests and practical experience. Since the conditions under which the product is used are often outside the control of B.I.G International LTD, we can only guarantee the product quality, since the result is dependent on the substrate, pre-treatment, temperature, air humidity, application etc. B.I.G International LTD reserves the right, without notice to change the product and the given data.



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