



SustainSound 60

THE LIGHT WEIGHT LIQUID APPLIED
SOUND DAMPENING COATING SOLUTION

- Advanced coatings technology reducing vibration and noise transmission
- Reduced weight compared to traditional sound dampening materials
- Single pack waterborne sprayable coating
- Low VOC and low odour
- Suitable for interior and exterior application
- Easy to apply
- Impact and abrasion resistant
- Resistant to chemical spillage



SUSTAIN SOUND 60 Technical properties:



- Excellent adhesion to E-coat and PVC
- Can be cured at elevated temperatures up to 170°C
- Passes artificial weathering test up to 1000 hours of QUV-B
- Resistant to splash of aliphatic petroleum products and mild chemicals
- Impact resistance to BS EN ISO6272 pass at >40 pounds per square inch
- Can be applied by spray: airless / air-assisted airless / HVLP / pressure pot / gravity fed gun
- Can be applied up to 600 µm in one coat

SustainSound 60 has been co-developed with the automotive industry and is used a wide variety of industries, where noise transmission through vibration of steel is an issue and whereby weight of the sound dampening material used should be limited to the bare minimum. SustainSound 60 offers a solution to the following industries:

Automotive
Heavy Goods Vehicles
Marine
Aviation
OEM Plants

SustainSound 60 is a water-based, high solids acrylic paint developed for use on vehicle interiors and exteriors to assist in sound dampening. Its rheological properties allow DFT's of 400-600 microns in one coat. SustainSound 60 is low in VOC, low odour and meets all EU legislation on emission limits. SustainSound 60 is the replacement for standard calendared bitumen pads and PVC and offers superior sound dampening properties at relatively low dry film thicknesses, thus reducing the weight of material used.

TESTS RESULTS VIBRATION LEVELS

Test panel: 1mm zintec steel sheet treated with various film thickness of SustainSound 60

Damping treatment applied	Sample weight (including the steel sheet kg)	Sample weight (not including the steel sheet kg)	Sample thickness (including the steel sheet mm)	Sample vibration ms ⁻²
None (Control)	7.25	0	0.99	16.22
General Paints std emulsion (not acoustic) @ 200 micron (400grms)	7.65	0.4	1.26	10.23
General Paints acoustic coating @ 200 micron (450grms)	7.7	0.45	1.62	5.56
General Paints acoustic coating @ 700 micron (1450grms)	9.05	1.85	2.00	2.00

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Protecting your future today

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