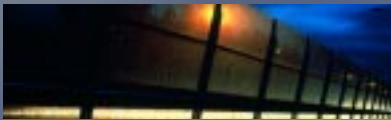
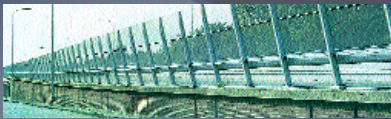




*Lexan® SoundGlaze® and
SoundGlaze® SC*

**Polycarbonate Sheet
for Sound Screens**



*Lexan® SoundGlaze®
Lexan® SoundGlaze® SC*





Trust Lexan® SoundGlaze® SC and Lexan SoundGlaze® for high strength, optical clarity and excellent acoustic performance.

Lexan SoundGlaze® and Lexan SoundGlaze® SC are transparent polycarbonate sheet materials ideally suited for use in soundscreens.

Proven in use throughout Europe, they offer a unique combination of properties – and carry our industry-leading ten year limited warranty against breakage.

● Excellent acoustic performance

Test data demonstrates that Lexan SoundGlaze® and Lexan SoundGlaze® SC match the acoustic performance of traditional materials, but with a significantly thinner Lexan® SoundGlaze® screen.

Sheet thickness	Noise reduction (dB)	Noise reduction (ZTV L _{sw})
8mm	32	25.9
9.5mm	33	26.2
12mm	35	28.6

As shown in the table above, Lexan® SoundGlaze® and SoundGlaze® SC exceeds the required minimum air noise reduction European standard of 25dB.



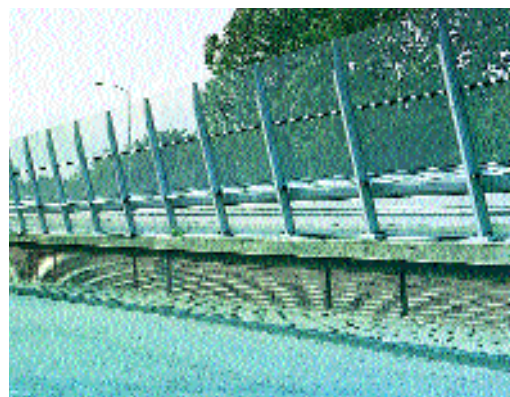
Airports

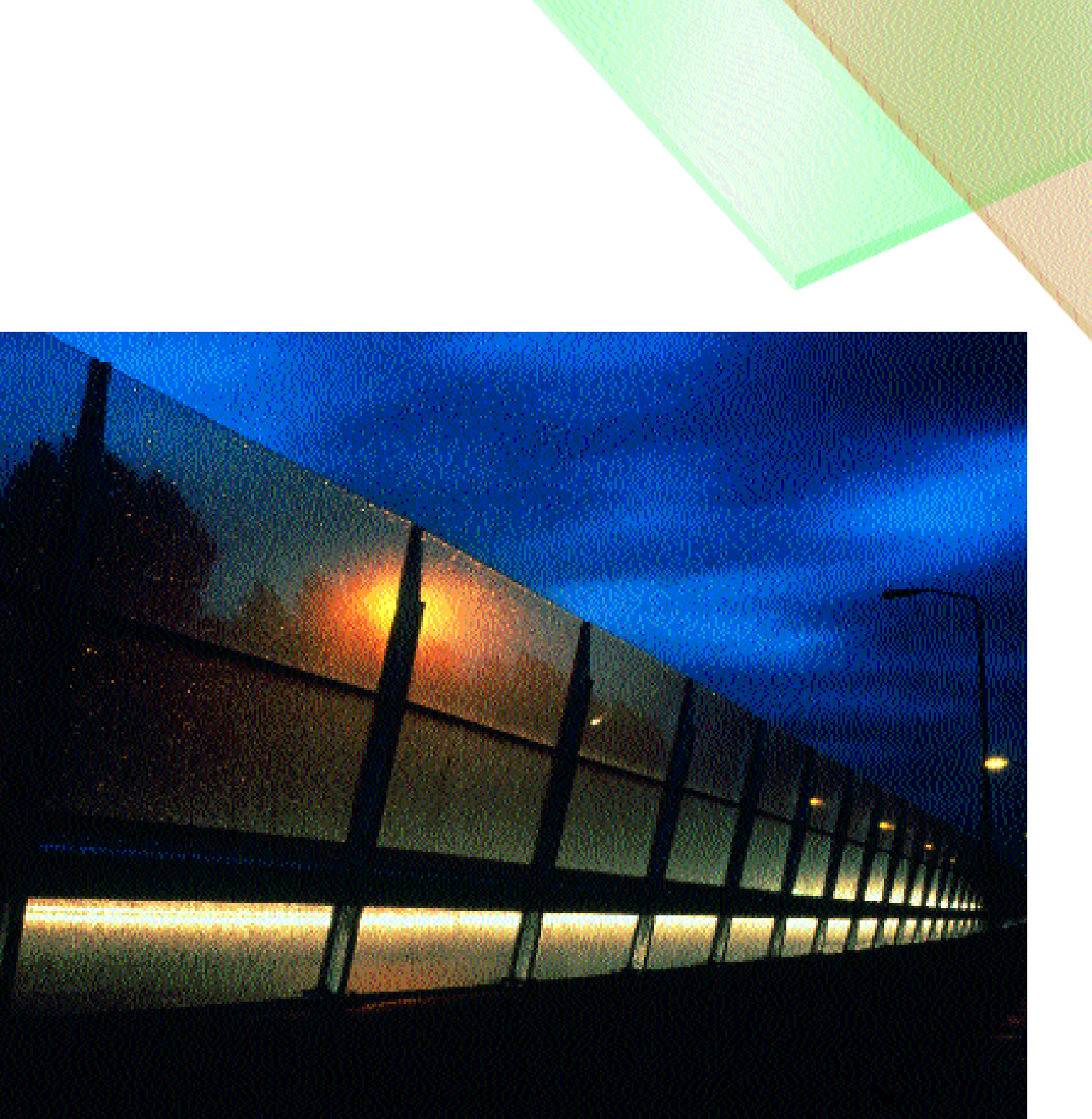


Roadways



Railways





● **Extremely high impact resistance**

Lexan SoundGlaze® and Lexan SoundGlaze® SC retain exceptionally high impact resistance over a wide temperature range, minimising the risk of damage by accidents or vandalism.

● **UV protected for long-term durability**

With superior UV protection on both sides, Lexan SoundGlaze® and Lexan SoundGlaze® SC are highly resistant to yellowing and loss of performance due to weathering, as covered in the limited warranty conditions of both products.

● **Safe fire performance**

Like all Lexan polycarbonate sheet materials, Lexan SoundGlaze® and Lexan SoundGlaze® SC achieve high ratings in the major European fire performance tests. They will make virtually no contribution to the spread of fire – and will not contribute significantly to the generation of toxic gases.



● Safe and easy installation

Combining lightweight practicality with high resistance to breakage, Lexan SoundGlaze® and Lexan SoundGlaze® SC are easy to transport and install on-site, using conventional metalworking tools.

● Lexan SoundGlaze® SC – for increased resistance to chemicals, abrasion and graffiti

Lexan SoundGlaze® SC provides enhanced resistance to oils, paints and other fluids, making it ideal for use in close proximity with motor vehicles, or in areas prone to graffiti attack. Its unique surface coating also provides high resistance to abrasion, to minimise damage by frequent contact or cleaning.

● Comprehensive certification

Lexan SoundGlaze® and Lexan SoundGlaze® SC sheet can be specified with confidence for all types of acoustic screening. Lexan SoundGlaze® SC grades carry independent certification* for:

- Sound reduction
- Impact resistance
- Fire resistance

● 10 year warranty

Lexan SoundGlaze® and Lexan SoundGlaze® SC sheet products have 10 year limited “no break” warranty due to loss of impact strength through weathering



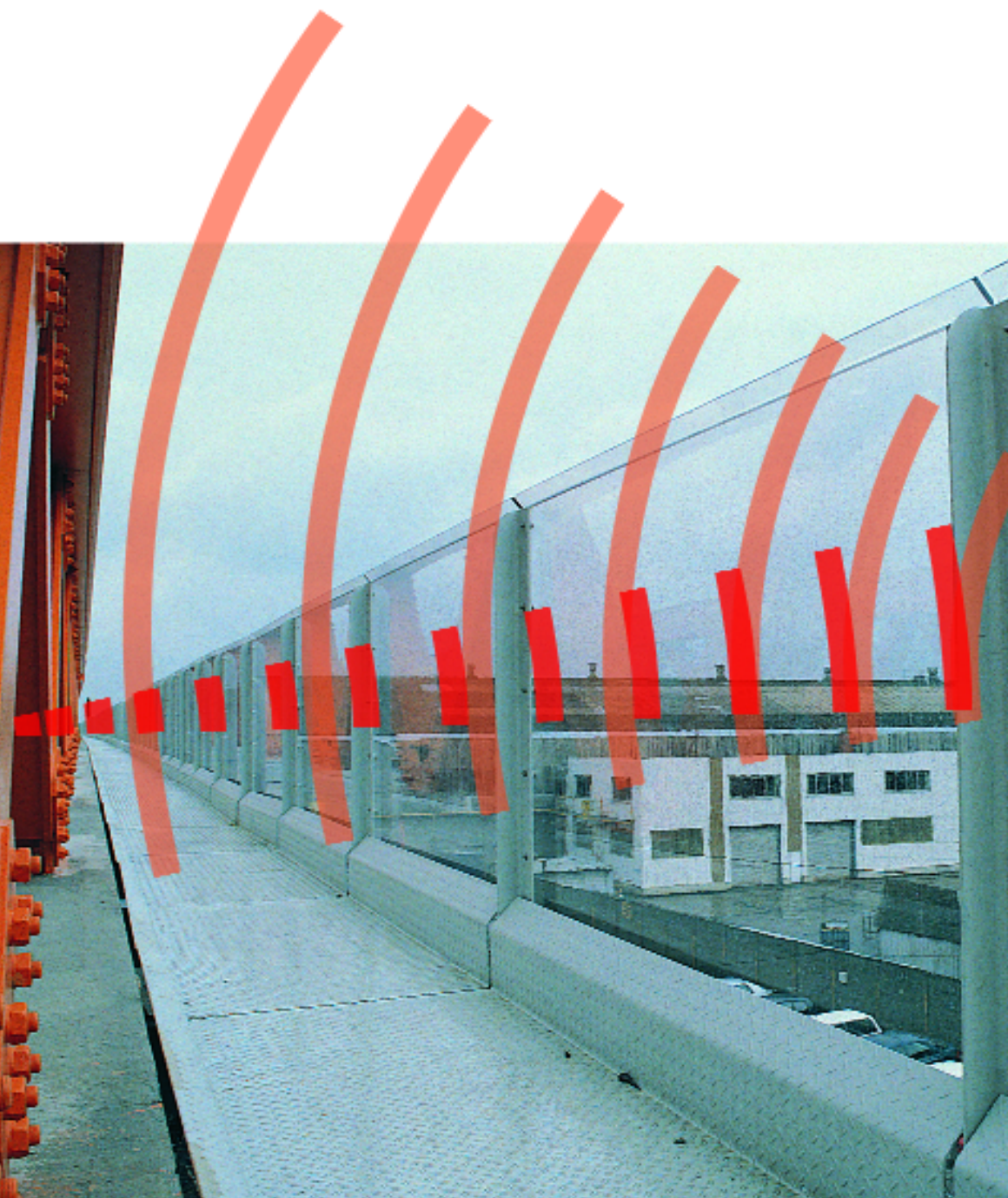
Availability

Grade	Standard size (mm)	Thickness (mm)	Standard colour	Light transmission*
Lexan SoundGlaze® SCMR5E UV protected and abrasion-resistant	2000 x 3000	8, 9.5 and 12	112 (clear)	85, 84, 83
			515117 (bronze)	65
			215137 (blue)	60
			715244 (grey)	50
			315089 (green)	85
Lexan SoundGlaze® Standard UV protected grade	2000 x 3000	8, 9.5 and 12	112 (clear)	85, 84, 83
			515117 (bronze)	65
			215137 (blue)	60
			715244 (grey)	50
			315089 (green)	85

Alternatives are available when required.

*Typical values only – light transmission values may vary + or – 3%.

* details available on request



Lexan

● Design freedom

Lexan SoundGlaze® and Lexan SoundGlaze® SC provide the means to design unobtrusive sound screens with large glazed areas, within EU specifications.

Light and easy to handle, Lexan SoundGlaze® sheet can be bent along its top edge. This eliminates the need for top profiles, making installation simpler. Sheet deflection, sound reflection and field of vision are also enhanced in this way.

Rubber mounting profiles enable Lexan SoundGlaze® and Lexan SoundGlaze® SC sheets to expand and contract to meet changing weather conditions throughout the year.

Lexan SoundGlaze® SC is not suitable for thermoforming or curving. Lexan SoundGlaze® is available when this is required.

Advanced solutions from a trusted world leader

GE Structured Products is the sheet and film division of GE Plastics, with European headquarters in the Netherlands and additional manufacturing operations in Italy and Austria, as well as sales and marketing facilities throughout Europe.

GE Plastics is part of the General Electric Corporation - a global engineering company, manufacturing products as diverse as jet engines, medical equipment and consumer white goods.

As the leading supplier of high performance engineering plastics to

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Quality is our culture

GE Structured Products operates a comprehensive Total Quality Management system within the procedures of ISO 9000, for which we carry full certification.

Our commitment to quality is evident in all aspects of our organisation, from manufacturing to sales and marketing, with strong emphasis on personal accountability.

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