

# 1,700m<sup>2</sup> of Lexan\* SoundGlaze\* SC sheet: a huge feat for the Torino 2006 Olympic Winter Games

**SABIC Innovative Plastics' Lexan polycarbonate sheet was chosen for the ski jump barriers set up at the 2006 Olympic Winter Games.**

In October 2004, athletes of the Italian national team performed the first trial jumps from the finished HS106 ski jump, designed by Architects S. Saita, M. Zocco, and G. Marè. The Pragelato facility includes two Olympic ski jumps – HS140 (125m) and HS106 (95m) - which were finalized at the end of 2004. For this particular project, more than 1,700m<sup>2</sup> Lexan SoundGlaze SC sheet was used as ski jump barriers to match the endurance of the Olympic Winter Games.



## **SABIC Innovative Plastics and the 2006 Olympic Winter Games**

To exploit the structures in full and to leave a significant Olympic legacy, the Pragelato facility will be the largest ski jumping center in Italy. The choice for 1,700m<sup>2</sup> of SABIC Innovative Plastics' Lexan SoundGlaze sheet was clear, based on the sheet's capacity to help:

- Protect the athlete from side wind, which might interfere with the acceleration needed before the take-off.
- Prevent the athlete in case of a fall in the in-run.
- Helps guarantee visibility of the athletes in the in-run, by way of the excellent transparency of the sheets.

## **Benefits of SABIC Innovative Plastics' Lexan SoundGlaze SC sheet include**

### **Extreme high impact resistance**

Lexan SoundGlaze SC sheet retains high impact resistance over a wide temperature range, helping to minimize the risk of damage by accidents or vandalism. Its unique surface coating also provides high abrasion resistance and helps reduce damage by frequent contact or cleaning.

### **UV protected for durability**

With superior long-term UV protection on both sides, SABIC Innovative Plastics' Lexan SoundGlaze sheet is highly resistant to yellowing and loss of performance due to weathering.

### **Safe fire performance**

Lexan SoundGlaze SC sheet makes virtually no contribution to the spread of fire and the generation of toxic gases.

### **Safe and easy installation**

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

### **Comprehensive certification**

Lexan SoundGlaze SC sheet can be specified for most types of acoustic screening. They carry independent certification for sound reduction, impact resistance and fire resistance.

### **10-year warranty**

Lexan SoundGlaze SC sheet has a written 10-year limited "no break" warranty due to loss of impact strength through weathering strength.

# Lexan\* SoundGlaze\* SC sheet

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## Design freedom

Lexan SoundGlaze SC sheet is an excellent candidate to help design unobtrusive sound screens in large glazed areas.

Light and easy to handle, these sheets can be bent along their top edges, eliminating the need for top profiles, making installation simpler. Sheet deflection, sound reflection and field of vision are also enhanced in this way.

## Details at

[olympic.org/uk/games/torino/index\\_uk.asp](http://olympic.org/uk/games/torino/index_uk.asp)

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