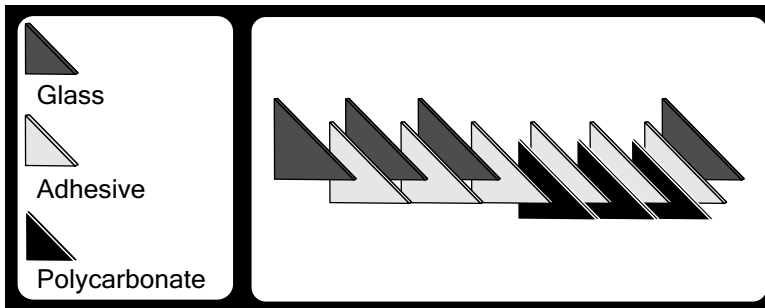


GLASS CLAD BALLISTIC LAMINATE



PRODUCT DETAILS*

PART NUMBER	LTI-GCP5
SPALL TYPE	LOW-SPALL
WEIGHT	17.42Lb/SqFt
THICKNESS	1.7170 in
MAX SIZE	60 X 96 in
SMARTGLASS OPTION AVAIL	YES

*Represents typical properties, not intended for specification

TESTING PROTOCOLS

STANDARD USED	RESULT
UL LEVEL 5 - 1 SHOT/ 7.62mm	PASSED /NO PENETRATION / LOW-SPALL

DESCRIPTION

The LTI-GCP5 security glazing is an asymmetrical composite of clear or tinted glass, clear adhesive interlayers, and high quality multilayer polycarbonate with an overall nominal thickness of 1.7170".

The demands for security glass is increasing. The LTI Glass Clad Polycarbonate Series products are custom manufactured to be utilized in secure environments where consistent quality and optimum optical clarity are priorities.

LTI-GCP5 SPECIFICATION

Glass x4 plies
 Clear adhesive interlayer x6 plies
 Polycarbonate x3 plies
 13 Individual layers make up the LTI-GCP5 composite
 Special fabrication services (i.e. shapes, holes, notches, insulated units) are available.

STANDARDS

ASTM C 1036-91 for float glass
 ASTM C 1349 for laminate quality
 ASTM C1048 - Standard Specification for Heat-Treated Flat Glass Kind HS, Kind FT Coated and Uncoated Glass.
 ANSI Z97.1, CPSC 16 CFR 1201 Cat I & 2 for Impact

GLAZING INFORMATION

The LTI Group strongly suggests the use of a suitable structural security framing with an appropriate protection rating.

A minimum framing engagement of one (1) inch is recommended, (Larger lites may require deeper engagements.)

It is imperative to the life and durability of certain composite types that compatible sealant or gasket material is used on both sides of the laminate. An appropriate sealant solution can be specified by LTI if required.

The LTI Group produces the finest glass and composite laminates in the world, proper care during installation will ensure years of superior performance.

LTI SMART GLASS, INC.

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WARRANTY

Limited Warranty- LTI warranties the LTI-GCP5 laminate system against plastic and glass delamination for a 5 year period from date of shipment see additional warranty details online at www.LTISG.com.