

External version

RE: New Product 'Pyroguard Impact 30' Sept 2010

A new CE certificate of conformity (0336-CPD-9134) based on the information and justification supplied below adding Pyroguard Impact 30 to the list of 7mm derivatives has been issued.

Research and Development at CGI has demonstrated that with a minor alteration to the Issue 6 Pyroguard resin formulation, significant improvements in Class 2 Impact performance can be obtained with no detriment to the fire performance of the product. The additive is of the same family of that already used in standard Pyroguard. On product launch CGI International Ltd will claim 2B2 impact performance on the basis of performance tests at notified bodies WinTech (Telford, UK) and TNO Quality Services B.V. (Eindhoven, Netherlands) using EN 12600 test procedure. Cert references: Wintech EW/10/3832/10132/WEL and TNO 9969R-10.264943.

Extensive in-house testing and a series of indicative fire performance tests conducted to EN 1363-1:1999 at Warrington Fire Research have demonstrated equivalent performance of this resin marked DEV301 or DEV312 to that of the Issue 6 resin marked STD used in Pyroguard C730. The following fire test results were obtained at size 800 x 1200, the size at which CGI chooses to perform it's periodic checks on fire performance and it's R&D work:

CGI Test Number	Test Date	Integrity (mins)	Sheet Number (Pyroguard)	Float Glass Manufacturer	Resin
09068	28/07/2009	43	F 0332 09	Guardian	New resin (CXL29 Issue 1)
10036	16/02/2010	46	A 1953 10	Guardian	New resin (CXL29 Issue 1)
10062	08/06/2010	36	E 2241 10	Guardian	New resin (CXL29 Issue 1)
10055	08/06/2010	43	E 2242 10	Guardian	New resin (CXL29 Issue 1)
10063	15/06/2010	46	E 2246 10	Guardian	New resin (CXL29 Issue 1)
10053	04/05/2010	39	NR	Guardian	New resin (CXL29 Issue 1)
10086	25/06/2010	43	F2371 10	Guardian	STD CXL27 Issue 6
10072	22/06/2010	39	F 1730 10	Guardian	STD CXL27 Issue 6
10049	18/05/2010	40	E 0530 10	Guardian	STD CXL27 Issue 6
10044	23/03/2010	36	B 0681 10	Guardian	STD CXL27 Issue 6
10038	01/03/2010	39	B 0680 10	Guardian	STD CXL27 Issue 6
10030	25/02/2010	45	B 1506 10	Guardian	STD CXL27 Issue 6

New formulation resin will be called Issue 7 or CXL29 Issue 1 depending on the manufacturing procedure which is to be confirmed at this stage.

A handwritten signature in blue ink, consisting of a long horizontal stroke with a small loop and a vertical tick mark.

Dr. Vincent Crook (PhD, MChem)
Head of Research & Development

CGI International Ltd
Manufacturers and Suppliers of Fire Resistant Glasses