

Promat DURASTEEL® High Performance Systems

SYSTEM PERFORMANCE

Type	Building & Construction	Offshore Constructions
Single-skin Constructions	E60, E120, E240 or E360	Marine Classification A0 (A and B class), H0
Double-skin Constructions	EI 60, EI 90, EI 120, EI 180 or EI 240	Marine Classification A60 for standard fire tests H60 and H120 ratings for hydrocarbon fire tests.
Special Constructions	Promat DURASTEEL® has been designed and installed in many purpose built fire walls, which provide special performance characteristics beyond fire resistance. All structures can be independently assessed to ensure the required performance is achieved.	



The picture right shows a Promat DURASTEEL® wall undergoing impact following a fire test. The picture above shows a concrete block wall undergoing similar testing.

SYSTEM TESTS AND APPROVALS

Promat DURASTEEL® systems have been tested extensively in the UK to comply to all relevant parts of BS 476, as well as many internationally recognised approvals such as: Factory Mutual (FM), Underwriters Laboratories (UL), Underwriters Laboratories Canada (ULC), Det Norske Veritas (DNV), Lloyds Register of Shipping (LRS), Zulassung, EDF and LUL. The systems have also achieved the stringent Certifire approvals.

Over £2.5M has been spent on tests, assessments and approvals to comply with many insurance specific requirements, both in the UK and overseas.

Promat has completed investigative programmes at our facilities in Belgium and the UK. DURASTEEL® is manufactured in accordance with independently accredited ISO 9001 quality, ISO 14001 environmental and BS OHSAS 18001 health and safety management systems.





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The picture above shows a Promat DURASTEEL® wall being fire tested to E240. Below are examples of Promat DURASTEEL® UK and International certification.





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