

# TECHNICAL DATA SHEET

## EXTHA FIREMAT TL-S



<b>Description :</b>	Dual-layer, non-combustible insulating rendering comprising a 10mm "shield" layer and an "insulating" layer of varying thickness. Spray-on application.
<b>Composition:</b>	Mineral composite containing silicates, special cements and additives.
<b>Thickness:</b>	Variable and adaptable. Standard total thickness of around 30mm (including 10mm of shield), depending on performance requirements.
<b>Implementation:</b>	Each layer is applied in a single application. No stripping or intermediary meshing is required.
<b>Density:</b>	800 kg/m <sup>3</sup> on average Shield: 1,200 kg/m <sup>3</sup> Insulation: 500 kg/m <sup>3</sup>
<b>Reaction to fire:</b>	Non-combustible – A1. Classification according to the law of 21 November 2002 "mineral composition containing no more than 1% organic material (in weight or volume)".
<b>Resistance to fire:</b>	45mm version: 100 to 150°C on average at concrete/protection interface under HCM120 (test CTICM on 08/01/04).  36 mm version: 300 °C on average at concrete/protection interface under RWS 120 (test TNO on 21/04/04).  Product tested under loaded concrete (EN 13381 – 3) at the CSTB (French technical and scientific centre for building) on 05/04/04.



*Marketing address:*  
Route de Laval, 53 210 SOULGE SUR OUETTE, France  
Tel: + 33 (0) 243 985985 / Fax: + 33 (0) 243 989948  
[www.extha.fr](http://www.extha.fr) - [extha@extha.fr](mailto:extha@extha.fr)