



BOVIA 279 II CONSTRUCTION GRADE FIRE PROTECTION

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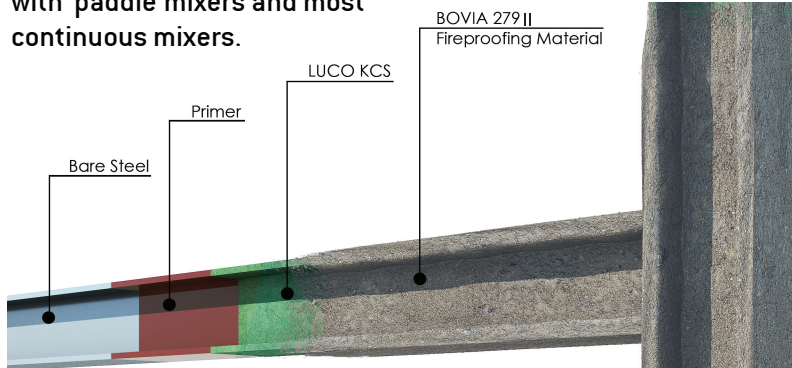


PRODUCT DESCRIPTION

BOVIA 279 II is a low density, heavy duty, gypsum based cementitious fire proofing material ideal for construction buildings. This passive fire protection system can provide up to 4 hours of fire protection, that meets design specification of UL263 (Underwriters Laboratories Inc.) for commercial, residential and other construction buildings. Developed through extensive research, BOVIA 279 II provides remarkable physical properties that promote high quality and prolonged durability.

PERFORMANCE EXCELLENCE

A limited number of products are able to endure the environmental conditions of construction building as well as "UL 263". BOVIA 279 II has been developed through fine-tuned chemistry that provides extreme fire protection, resistant to damage, user-friendly application, and capacity to withstand various climate conditions. BOVIA 279 II can be spray applied with wide a range of conventional plaster pumping equipment along with paddle mixers and most continuous mixers.



MATERIAL TECHNOLOGY

BOVIA 279 II SFRM systems are manufactured and tested to protect the structural steel during a cellulosic fire and are found throughout the world in Airports, Stadiums, Residential and Commercial Buildings and is excellent in:

- Low water consumption
- Low hydration heat
- Low drying shrinkage
- Low crack
- High long-term strength
- High bond strength

PHYSICAL PERFORMANCE

Product Propert	Test Method	BOVIA 279 II Test Results
Density	E605	320kg/m3 (20pcf) ±10%
Durometer Hardness (Shore D)	D2240	14
Surface Burning	E84 (UL723, CAN/ULC-S102)	Flame: 0 Smoke: 0
Combustibility	E136	Non-combustible
Compressive Strength	E761	38psi (262 kPa)
Thermal Conductivity	C518	0.095 W/mK
Fungal Resistance	G21	0/None