



ARCCEN
MINERAL BUILDING SYSTEMS

ARCONLITE
+ I-FOAM

Lighter precast. Mineral insulation. One integrated system.

Arconlite structural lightweight concrete and i-Foam mineral insulation help precast manufacturers create thinner, lighter, A1 non-combustible wall and floor elements.

30–50%

LOWER WEIGHT
POTENTIAL

33–45%

LESS DEAD LOAD

A1

NON-COMBUSTIBLE

0.040

W/MK LAMBDA

U 0.22

SYSTEM TARGET



CLC & I-FOAM PRODUCTS



I-FOAM + ARCONLITE



PRECASTABLE ARCONLITE + I-FOAM

ARCONLITE & I-FOAM PERFORMANCE HIGHLIGHTS

Lighter elements

lower transport, handling and crane pressure

Thinner walls

more usable internal area, or less site take-up

Non-petroleum based insulation

poured mineral system, not separate oil-based layers

Excellent thermal performance

low lambda for thinner, warmer wall build-ups

Structural knock-on value

potential savings in rebar, foundations and floor weight

Off-site fit

factory adaptation, repeatability and faster installation

EXAMPLE WALL BUILD-UP

Arconlite	7 cm
i-Foam insulation	14 cm
Structural Arconlite	19 cm

DENSITY · KG/M³

Normal concrete	2450
Arconlite 1600	1600
Arconlite 800	800
i-Foam	100

CONTACT

David Kerr — Chief Financial Officer

TEL +353 87 906 1151

EMAIL david@arccen.com

WEB www.arccen.com

OFFICE 72 O'Connell Street, Limerick, Ireland V94 X43W

COMMERCIAL STARTING POINT
Precast walls, floors, facades, stairs,
balconies and modular systems.