

TARMAC HIGH-IMPACT FINISH

IDENTIFICATION

A hard, durable finishing plaster designed for use over all Tarmac Backing Coats as well as traditional gypsum plasters and sand : cement mixes.

(Not suitable for Application onto Plasterboards)

DESCRIPTION

Based on a mix of Calcium Sulphate, Calcium Hydroxide, Fine aggregate and other special Additives, producing a grade D High-Impact resistant plaster.

(Please refer to manufacturers prior to applications on to gypsum based backgrounds)

APPLICATIONS

Suitable for all areas which require superior impact resistance and greater durability eg. Schools, Hospitals and other Public Buildings.

High Impact Finish is not suitable for use in areas of high humidity and wet areas as such as swimming pools.

DENSITY

Typical test results in kg/m³

Bulk as supplied	1000 - 1200
Set and Air Dried	1700
Set and Oven Dried	1690

APPEARANCE

Ex-Works as Supplied	White/Off White Powder
Set & Dried after application	White / Off White, Matt Surface for painting or wallpaper.

PERFORMANCE

Strength

Based on typical results. N/mm² at 28 days.

Compressive	15
Flexural	3.5
Modulus of elasticity	N/A

Thermal

Moisture by Volume	0%	3%
Thermal Conductivity (K) W/m°C	0.34	0.47

EFFECT OF TEMPERATURE

HIGH

Slow decomposition of set and dried **Tarmac High-Impact Finishing Plaster** will begin when the temperature reaches 43° C and above 100° C it will decompose rapidly.

LOW

Tarmac High-Impact Finishing Plaster is unaffected in used or unused form by low temperature, but avoid application at temperatures of 3° and below.

Cementitious Systems

FIRE RESISTANCE

Non-Combustible as defined in B.S. 476 :Part 4 and can be designated Class O in accordance with the requirements of the National Building Regulations for use as a surface finishing material.

HEALTH & SAFETY

No hazard under normal conditions of use.
See separate data sheet 84/7A

SETTING TIME

Approximately 90 minutes, depending on worktime conditions.

ECONOMICS

Volume Yield

m ³ /tonne (1 tonne mixed with water)	0 - 65
--	--------

Coverage

Thickness	2 - 3
Area m ² /tonne	350 - 400

MIXING

Fill bucket ¼ full with clean water – add dry plaster to water and bring to normal working consistency.

Allow to rest for 3 - 5 minutes, then re-mix back to consistency adding small amounts of water if necessary.

QUALITY CONTROL

Factory blended, tested and packaged in the UK for Adomast Ltd to quality control procedure in accordance with BS EN ISO 9001 Series.

PACKAGING AND STORAGE

Limelite High Impact Finish is available in 25kg sacks, palletised and shrinkwrapped.

Palletised **Limelite High Impact Finish** should be stored in cool dry areas clear of the ground, sheeted or under cover and stacked not more than two pallets high.

The product should be used on a first in – first out basis.

Shelf life is minimum 3 months when properly stored but could be in excess of 6 months subject to temperature and humidity.