

# TYPE HC – HARD CLAD

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## 1. PRODUCT NAME

A/D Type HC - Hard Clad

## 2. PRODUCT DESCRIPTION

**Basic Use:** A/D Type HC is a protective coating for cementitious fireproofing products used in high traffic areas susceptible to heavy physical abuse. It bonds well to the fireproofing and cures to form a hard finish coating for protecting the underlying fireproofing from accidental damage. It is used in special commercial situations, industrial applications requiring impact and abrasion resistance or harsh environmental exposure.

**Composition and Materials:** A/D Type HC is a latex-modified inorganic veneer Portland cement plaster developed specifically for application over cementitious fireproofing materials. It is non-combustible and requires only the addition of water at the job site.

**Limitations:** A/D Type HC is not intended for direct exposure to weather. Contact your A/D representative for alternate product recommendations.

**Packaging:** A/D Type HC is packaged in 22.6 kg (50lb) polyethylene bags.

## 3. TECHNICAL DATA

**Physical Properties:** Refer to Table 1

### Product Features:

Non-Toxic: Portland cement plaster.

Durable: Hard, abrasion resistant.

Economical: Lower material cost per square foot.

Application Ease: Applied with equipment used for fireproofing.

Factory Mixed: Requires only the addition of water. Mixed with standard mixers.

## 4. INSTALLATION

**Surface Preparation:** See specifications, mixing and application procedures. A/D Type HC must be applied to fireproofing that is partially wet. If the underlying fireproofing is dry then rewet the surface with a fine water spray before applying the A/D Type HC.

**Method:** A/D Type HC is applied only by authorized applicators.

## 5. AVAILABILITY AND COST

Availability: A/D sales offices and technical representatives are located throughout North America.

**PHYSICAL PROPERTIES Table 1**

Property	ASTM Method	Result
Applied Density	E605	57 – 67 pcf
Bond Strength	E736	Exceeds fireproofing
Penetration Resistance	C569	750 psi
Compressive Strength	C354	450 psi @10%
Hardness	D2240	50

## 6. MAINTENANCE:

No maintenance should be required. Damage caused by other trades should be patched at the expense of trade causing damage.

## 7. TECHNICAL SERVICES

Contact nearest A/D representative or office.

**8. Health and Safety:** To safely use this product, read and abide by the material safety data sheet (MSDS).

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## A/D FIRE PROTECTION SYSTEMS

**Head Office:** 420 Tapscott Rd., Scarborough, Ontario M1B 1Y4

Tel: 1 (800) 263-4087 or (416) 292-2361 Fax: (416) 298-5887

Visit our Internet Site: [www.adfire.com](http://www.adfire.com)

### Regional Contacts

Capital Region: Tel: (800) 650-0881, Fax: (613) 841-7768

Western Canada: Tel (800) 665-3153, Fax: (403) 236-0845

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