

## MANUFACTURER

ALLGEMEINE BAU - CHEMIE PHIL., INC.  
Address: 10th Floor Asian Star Building, 2404 Asean Drive,  
Filinvest Corporate City, Alabang, Muntinlupa City 1781 Philippines  
Tel: (+63 2) 8426891 ■ Fax: (+63 2) 8427146 ■ info@abc.ph ■ www.abc.ph

## PRODUCT NAME

ABC FLOOR HARDENER

## PRODUCT DESCRIPTION

ABC FLOOR HARDENER is a concrete hardener composed of graded copper slags (quartz aggregates) and special chemical additives. It strengthens concrete surfaces to make it extremely resistant to abrasion, while protecting the surface from gas, oil and chemical attacks. Its non-skid and anti-slip characteristics ensure safety & durability for concrete floors.

## THE ABC FLOOR HARDENER ADVANTAGE

- ✓ Abrasion resistant
- ✓ Impact resistant
- ✓ Skid/slip resistant
- ✓ Water resistant
- ✓ Chemical resistant
- ✓ Ready to use
- ✓ Easy maintenance
- ✓ Stronger floor



## COLOR

- Red
- Gray
- Brown
- Green
- Black

## CLASSIFICATION STANDARD

- ✓ ACI 302.1R-89 (USA) American Concrete Institute
- ✓ ASTM C779 (USA) American Society for Testing & Materials
- ✓ ASTM C109 (USA) American Society for Testing & Materials

## TECHNICAL DATA

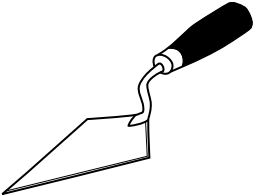
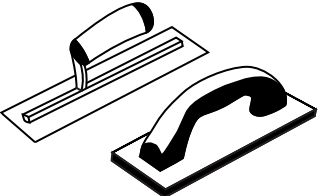
PARAMETER	RESULT	
Compressive Strength*	7 days	18 N/mm <sup>2</sup>
	14 days	24 N/mm <sup>2</sup>
	28 days	30 N/mm <sup>2</sup>

\* tested by Philippine Geo Analytics, Inc. (PGA)

## COVERAGE

Light Traffic	3 kg/m <sup>2</sup>
Moderate Traffic	4 kg/m <sup>2</sup>
Heavy Traffic	5 kg/m <sup>2</sup>

## TOOLS NEEDED

for broadcasting the powder, use a mason's trowel	for finishing, use a steel trowel or wooden float
	

## SURFACE PREPARATION

Ensure that the proper concrete placement was followed in the preparation of the floor slab. Using a wooden float, smoothen the concrete mixture to achieve an even and dense surface.

## APPLICATION GUIDE

### 1. Application

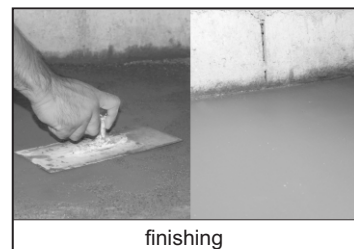
ABC FLOOR HARDENER is applied in two stages on the concrete surface. The first application should occur when the concrete is damp and compact enough that aggregates do not sink into concrete mortar. Use a trowel to compact the first layer. Spread ABC Floor Hardener evenly on the surface area. Apply the second layer when the substrate is similarly damp as in the first application.



broadcasting

### 2. Finishing

Smoothen the applied area with a steel trowel taking extra care to ensure that metal aggregates do not build up on surface area. Once it hardens, trowel the applied area again in a sweeping circular motion to produce slight ridges for a perfect, non-slip finish.



finishing

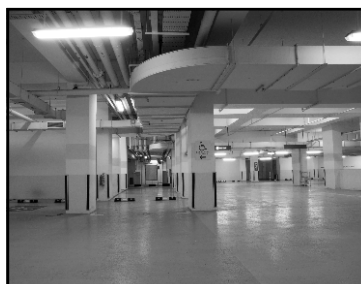
## APPLICATION AREAS



warehouse / factory



mechanical & power room



car park



driving & loading ramp

## PACKAGING

25 kg bag

## STORAGE & SHELF LIFE

Store in a cool dry place. ABC Floor Hardener will remain usable one year from date of manufacture.

## WARRANTY

Due to variety of applications, different working methods and the various properties of bases, we cannot assume responsibility or liability with regard to the application of our products. Our guarantee and liability are restricted to the quality of our products at the time of acceptance of the customer of such products. In no case shall our liability extend beyond replacement of defective products, if any, found at the time of acceptance. For all deliveries and services, our General Sales Condition including warranties stipulated for each case are valid.

