



ACID RESISTANT TILES

DESCRIPTION

ACID RESISTANT TILES are manufactured in different thicknesses and are used as per the requirement. The shape and size of brick other than standard shall be agreed between the purchaser and the manufacturer. Tiles with thicknesses less than 38 mm are called Acid Resistant Tiles and meet IS 4457-1982.

USE

ACID RESISTANT TILES is used for masonry constructions, floorings subject to acid attack, lining of chambers and towers in chemical plants, lining of sewers carrying industrial effluents etc to prevent deterioration of the surface by acids except hydrofluoric acid and perchloric acid and other chemicals. These bricks are made of raw materials, such as clay of suitable composition with low lime and iron content, felspar, flint or sand and vitrified at high temperatures in ceramic kilns. These bricks are designed primarily for use in chemical and allied industries and are normally used with chemical resistant mortars.

PROPERTIES

Characteristic	IS 4457 -1982
Warpage in mm, max	2.5
% Water absorption, max	2
Compressive strength, kg / cm ² , min	700
Flexural strength, kg / cm ² , min	200
% Resistance to acid, max.	1.5

Resistance to wear, mm, max.	2.0 – 2.5
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PACL has the facility to carryout the tests required as per IS 4457 and IS 4860. Every consignor of Tiles supplied by PACL is tested thereby ensuring and controlling the quality of bricks.

STORAGE & SHELF LIFE

Tiles are to be stored away from water / rain water since dampness on the bricks affects the bonding of the acid proof cements.

HEALTH & SAFETY

While lifting and carrying the tiles, care should be taken that the corners / edges do not cut / damage hands.

ADDITIONAL INFORMATION

Prodorite Anticorrosives Ltd. also supplies other acid, alkali and chemical resistant brick / tile linings, Polymer concrete products, Construction chemicals like concrete repair and rehabilitation products including protective coatings, epoxy and polyurethane coatings and floor toppings, Chemical storage tanks, vessels, scrubbers, pipes and fittings, other custom-built items in FRP, PP-FRP, PVC-FRP & PVDF-FRP, FRP Gratings, etc.

WARRANTY

Whilst Prodorite Anticorrosives Ltd. strives to ensure that any advice, information or recommendation given are appropriate and correct, it cannot accept any liability directly or indirectly arising out of the products, since the method and place of application of the products are beyond its control. Its guarantee is therefore limited to the quality of materials delivered.

CARBORUNDUM UNIVERSAL LIMITED

PRODORITE DIVISION

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