

## PRODUCT DATA SHEET: Pitching Stone

Description: Pitching stone and materials that are used to prevent or mitigate erosion due to movement of water.

Uses: Typically these materials are used in “**revetment**” applications such as protection of canal banks, bridge piers, shore stabilisation.

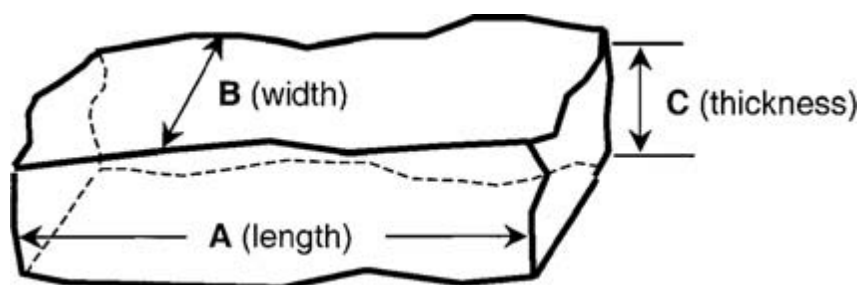
Advantages: The Pitching stone produced at Nucrush Oxenford, this site is quarried from a Metagreywacke deposit.

This material is tested and proven to be HARD, DURABLE and RESISTANT to CHEMICAL ATTACK making it ideal for use in revetment applications.

Specifications: Pitching stone is usually ordered on a size and shape requirement.

Specifications should allow for some variation in the size and shape of the rock.

Shape is usually specified as a length: width: height requirement, typically pitching stone will have maximum ratio of 5:1 ratio for length: width or length: height.



In terms of size Nucrush's Pitching stone is typically:

$D_{100} < 400\text{mm}$  ( $D_{\text{max}}$ , 100% of the rock is to be less than 400mm diameter)

$D_{85} < 300\text{mm}$  (85% of the rock is to be less than 300mm diameter)

$D_{50} > 200\text{mm}$  (50% of the rock is to be greater than 200mm diameter)

$D_{15} > 150\text{mm}$  (15% of the rock is allowed to be less than 150mm diameter)

$D_0 > 100\text{mm}$  (the rock should be no less than 100mm diameter)

Note: due to the size of the rock, pitching stone is graded based on individual rock measurements, not weight of the sample.

In terms of resistance to chemical attack Nucrush's pitching stone has test results of between 0.2% and 0.4% for Sodium Sulphate Soundness

## Transport

Due to the size of the rock pitching stone is usually delivered by tipper truck.

## Note

Typically hard rock materials that are available within the region are quarried from Metagreywacke deposits. These products have a tendency to change colour over time and will result in a change in colour from typical grey through to brown. The variance from grey to brown has little or no effect on the quality, durability or size of the final product.

## Precautions

Suitable handling and work instructions should be developed for use of this product that takes into account safety information that is available on the Safety Data Sheet for quarried Meta-greywacke rock. The Safety Data Sheet is available from Nucrush's website at [www.nucrush.com.au](http://www.nucrush.com.au) or by contacting Nucrush on Tel 07 5573 8000 or Fax 07 5573 2908

For more information about Nucrush and its products, please visit the Nucrush website at [www.nucrush.com.au](http://www.nucrush.com.au) or email [sales@nucrush.com.au](mailto:sales@nucrush.com.au).

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