

ATTRACTIVE • DURABLE • AFFORDABLE



DURASTONE

Durastone Installation Guide



193 Mahatma Gandhi Street
Kwa Dukuza (Stanger)
4450

Kwa Zulu Natal
Tel: 032 551 2766
Cell: 082 260 5572
www.durastone.co.za

Lay out a few sq meters of Castle Stone Cladding on the floor to practice the different styles. Once you understand the pattern then you can start to install. 10mm spaces are needed between each stone.



Castle Stone Installation

Wall Preparation

If your wall is plastered and painted then cut groves into the wall using an Angle Grinder (Horizontally and Vertically). Then use a Chisel and Hammer to chip off sections of the paint and plaster. This will allow the mortar to bind to the wall properly. You should end up with a wall looking like this.



Please note:

If you are installing the stone directly onto brick or a plastered wall (which does not have paint on it) then the above preparation does not need to be done.

Wet the wall with a block brush.
Apply the mortar to the surface
of the wall .
+ 5 mm in thickness



Nail a Straight Edge to
the wall



Wet the back of the stone using a block brush



Butter the back of the stone with mortar (+ 2mm thick)



Press the stone onto the mortar and tap the stone using a rubber hammer.
If the mortar is overflowing then there is either too much mortar on the wall or on the stone.
Try not to mess the face of the stone with mortar.





After you have installed the first few lines of Castle Stone you can cover it with a plastic sheet as shown in the picture. You can temporarily nail the plastic sheet to the wall with a few steel nails (3 nails should hold it in place).



Wet the wall with a block brush and apply mortar to the wall.

Plastic Sheet

The Plastic Sheet will prevent the mortar from falling onto the face of the stone when you are applying mortar to the wall

This is how your wall should look after you have applied mortar to the wall and removed the Plastic Sheet.



Grouting between the stone can be done after 2 days of the stone drying. Keep your Grout mixture relatively dry so that you do not mess the face of the stone. Use gloves and press the grout with your fingers into the spaces between the stones. Wait for an hour then use the back of a paint brush to cut the excess grout out. Use a DRY Paint brush to remove all excess grout from around the stone.

Castle Stones must be installed with 10 mm spaces for total coverage per sq meter.



Before leaving for the day: Check that you have removed all excess mortar from the face of the stone. Use a small piece of stick to remove all the excess mortar and then use a DRY Paint brush to dust off the face of the stone.

Do not let the mortar dry on the face of the stone over night as it will be difficult to remove once it dried. Do not use Acid Based Products to clean the face of the stone.

After 4 days of drying you can use a hose pipe to wash off all the dust on the stone.

Preparing the Mortar:

To install 4 - 5 sq. meters.

Mix half a bag of Normal NCP Cement (50kg bag) with one wheelbarrow of plastering sand and half a bag of CLC builder and plaster lime. The lime (25kgs bag) is available from a company called Lime Co. The mixture should be like plaster. Add water slowly as desired. Be careful not to add too much water to the mixture as it will become weak and watery.

Please contact us if you need any more information on installing our products.

Kind Regards

Andre Subban

Durastone Products

Ph: (032) 551 2766

Cell: 082 260 5572

Email: andre@durastone.co.za

193 Mahatma Gandhi Street, Stanger, KZN, South Africa.