

In addition to the more traditional method of trowel application, all of our Ecorend systems can also be applied by spray. If using the spray method, the following guidance will result in the best possible finish.

PREPARATION

It is key before any rendering takes place, to clean the machine out thoroughly and flush the hose clean. Standard procedure for this cleaning, is to insert a rubber ball at one end of the lubricated hose, and pump until the ball pops out at the other end of the hose. This ensures that the hose has been flushed out and is free of any dried material or other contaminants.

SETTINGS ON THE SPRAY MACHINE

In order to achieve a successful spray finish, it is key to make sure that the following is controlled:

Mortar pressure gauge

This should not exceed the length of the hose. So for example, when using a 20 metre hose, the gauge should be set at 20 bar maximum (this is a limit, not a target). If this is exceeded, it could result in burn out of the rotor stator but will also adversely affect the product as sufficient water will not be allocated, resulting in the material being too thick.

NOTE: For turbo shafts, the required mortar pressure gauge is likely to be lower than for single shafts due to the increased shear generated.

Water flow tube

This measures and controls the water flow into the mix, and once the correct consistency has been achieved, it should remain constant.

RECOMMENDATIONS:

- A longer hose is generally better as it allows the material to spiral in transit in the pipe and give extra mixing.
- For longer pipes, the water level may need adjusting as the process through the pipe, gives additional mixing which can lower the thickness of the product thus requiring less water.
- The water flow tube and the mortar pressure gauge should be adjusted so that the correct flow and consistency of the material is achieved, and the settings then noted.

Our products have been applied under test conditions, with a PFT G4 spray machine and the following settings on this machine are recommended for the best results:

MR1 MONOCOUCHE ONE COAT RENDER – MARBLE WHITE

MACHINE	SHAFT	LENGTH OF HOSE	MORTAR PRESSURE GAUGE	WATER FLOW TUBE
PFT G4	Standard	5 metre	5 bar	375
PFT G4	Standard	15 metre	15 bar	Just above 375

MR1 MONOCOUCHE ONE COAT RENDER – ALL OTHER COLOURS

MACHINE	SHAFT	LENGTH OF HOSE	MORTAR PRESSURE GAUGE	WATER FLOW TUBE
PFT G4	Standard	15 metre	15 bar	385
PFT G4	Double Turbo	15 metre	10 bar	375

X32 ONE COAT BASE

MACHINE	SHAFT	LENGTH OF HOSE	MORTAR PRESSURE GAUGE	WATER FLOW TUBE
PFT G4	Standard	15 metre	15 bar	450
PFT G4	Double Turbo	15 metre	Just under 15 bar	300

NOTE: These details are intended to provide guidance only and are based on controlled tests using one type of spray machine. Users must follow any guidance given to them by the spray machine manufacturer and their own experience to satisfy themselves that they are applying under the best conditions to give the best finish.