Industrial Plasters
Proven Reliability

BDT PLASTER TRAP

OPERATION

The BDT Plaster Trap is designed to prevent plaster suspended in waste water from being carried into the waste water system where it may cause a blocked pipe.

Contaminated water containing plaster passes through the lid of the Plaster Trap into the first and highest of 4 debris collection chamber levels where the speed of the waste is reduced, enabling plaster sediment to sink to the bottom of the chamber. The water then passes through the 3 further chambers in turn where further remaining plaster separates from the water and sinks to the bottom of each chamber before the waste water flows out of the outlet pipe of the last chamber of the Plaster Trap into the waste system.

To ensure that the water passes from one chamber to another in a clockwise direction the height of the sediment chambers are staggered and reduce in height to maintain a clockwise flow of water from chamber to chamber within the Plaster Trap. This clockwise flow is caused by the greater pressure of water in the preceding chamber caused by its greater volume.

INSTALLATION

The Plaster Trap must be installed so as to allow sufficient room above it so that the plastic segment chamber and waste debris sack can be lifted out.

Before plumbing in the Plaster Trap it must be understood that for it to operate correctly the plastic segment chamber must be positioned with its highest wall just clockwise to the side wastepipe. The lid must be positioned with its hole directly above the chamber with the highest wall just anticlockwise from the pipe entering waste through the lid of the chamber.

REPLACING SLUDGE SACKS

We recommend that the sludge sacks are replaced when they are no more than 1/3 full. In summer they should be changed more frequently to avoid smells.

1. Remove the lid
2. Remove several scoops of water from the Plaster Trap
3. Remove the plastic segment chamber
4. Remove the internal outlet hose and then the sack containing the debris
5. Clean the plastic segment chamber under running water
6. Fit a new sludge sack remembering to puncture a hole in the side adjacent to the outlet and to then re-fit the internal outlet hose
7. Replace the plastic segment chamber with the highest section being between the inlet and outlet pipe
8. Replace the lid and waste pipe

Replacement sludge sacks are available in packs of 25.

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