

SCREED BUDDY SYSTEM

TABLES WILL DEMONSTRATE HOW USING THE
SCREED BUDDY SYSTEM
CAN SAVE YOU MONEY ON YOUR NEXT PROJECT

ALL CALCULATIONS ARE BASED ON A 4 BEDROOM HOME WITH 2 BATHROOMS USING TOTAL OF 11 SCREED BUDDIES



TABLE 1 the DIRECT COST SAVINGS of using the Screed Buddy System

TRADES	LABOUR SAVINGS	HOURS AND / OR MATERIALS SAVED PER HOME	SAFETY AND BENEFITS	COST SAVINGS PER HOUSE INC. GST
CONCRETOR <i>Setup</i>	Reduces setup time with installing damp proofing membrane and reinforcing mesh.	1 hour x 4 people @ \$66	With pipe rises at their minimum, lifting of damp proof membrane and mesh is minimized saving time and injury.	\$264
CONCRETOR <i>Screeding and Finishing</i>	Time saved during screeding and finishing as all waste water pipes are eliminated and no more hand trowelling around pipes. A mechanical screeding machine could be used on all house slabs as all obstacles are removed.	1 hour x 4 people @ \$66	By eliminating all rising pipes it will make screeding, hand and mechanical trowelling easier and quicker, improve safety, quality and save time. Concrete blocking pipe issues will be minimised.	\$264

TRADES	LABOUR SAVINGS	HOURS AND / OR MATERIALS SAVED PER HOME	SAFETY AND BENEFITS	COST SAVINGS PER HOUSE INC. GST
CARPENTER	No more lifting of frames over rising pipes. No more peaking of top plates as the slab will be level and won't require chiselling and levelling.	1 hour x 1 person @ \$66	Rising pipes pose issues. By removing pipes carpenters no longer need to lift wall frames over pipes, chisel the floor or frame up around them. Most importantly, it reduces trip hazards and lifting injuries.	\$66
TILER	No more chiselling around pipework caused by peaking of concrete.	1 hour x 1 person @ \$66	With the wet area fitted with appropriate Screed Buddy, chiselling and filling at the wastewater points are reduced.	\$66
OTHER TRADES	By removing all trip hazards, potential pipe blockages and breakages, the site will be easier to navigate, reduce repair costs and make the site safer.	—————	By eliminating rising pipes on a project, it will make the site safer, lower the risk of blockages, broken pipes, tripping and falling hazards. Other trades such as plasterboard installers, flushers, even electricians now have a far safer work site without any rising pipe hazards eliminates peaks at pipes for the tiler and cabinetmakers.	As every worksite possesses its own issues this cannot be quantified.
PLUMBING MATERIAL SAVED	11 x pipes ranging in size from 40mm to 100mm. Approximately 3.3m of pipe can be saved on each job if the average pipe rises 300mm above the FFL.	3.3 pipe @ \$4.50/m \$14.85	By saving 3.3m of pipe per house you can save on waste and material going to land fill .	\$14.85
TOTAL DIRECT SAVINGS				\$674.85



TABLE 2 is the notional **INDIRECT COST SAVINGS** of using the Screed Buddy System

ISSUES	MATERIALS & LABOUR	HOW THE SCREED BUDDY HELPS	AVERAGE COSTS INCURRED	AVERAGE TOTAL COST INCURRED
UNBLOCKING OR REMOVING CONCRETE AND DEBRIS ENTERING PIPES	8 hours labour x 1 person. Pipe, fittings, termite treatments, concrete and camera inspections.	By installing the Screed Buddy System to all pipes, it reduces the chance of debris and concrete entering the pipes.	1 x camera inspection \$350.00 Labour \$80/hr @8hrs = \$640.00 Materials *1m pipe @ \$4.50 *1x elbow \$3.50 ea *1x coupling \$5.45 ea *3x bags of concrete \$25 *1x termite treatment \$80	\$1,158.45
BROKEN PIPES	¼ hr labour x 1 person per pipe To remove debris, cut pipe, check for fractures, install coupling and cap.	* No foreign objects in down pipes * No breaking of pipes * No sharp edges from broken pipes * No breaking of termite barriers * No hidden fractures caused by broken pipes * No more trip hazards	Call out fee plumber \$150 ¼ hr labour x \$88hr = \$22.00/pipe 1x slab repair coupling \$9.50/pipe 1 x PVC cap \$2.75/pipe	\$184.25

HOW CAN WE SAVE YOU MONEY ON YOUR NEXT PROJECT?

The cost to install the Screed Buddy System on a 4 bedroom home with 2 bathrooms using total of 11 Screed Buddy Systems

TOTAL COST OF INSTALLATION PER HOUSE

RETAIL PRICE FOR 1 X SCREED BUDDY \$19.95 EACH X 11 PIECES	\$219.45
INSTALLATION OF 11 SCREED BUDDY'S AVERAGE ½ HR X 1 PERSON @ \$66/ HR	\$33.00
TOTAL COST OF INSTALLATION OF SCREED BUDDY SYSTEM PER HOUSE	\$252.45

DIRECT SAVINGS USING THE SCREED BUDDY SYSTEM

TOTAL DIRECT SAVINGS PER HOUSE AS PER TABLE 1	\$674.85
TOTAL COST OF INSTALLING SCREED BUDDY SYSTEM	\$252.45
TOTAL SAVINGS PER HOUSE	\$422.40

SCENARIO 1 DIRECT COST SAVINGS

A large volume builder who builds 4000 houses p.a. should save up to **\$1,689,600** per year.

This does not take into account the cost of repairing broken pipes, debris, concrete blockages, and compensation due to trips, falls and stresses.

A smaller volume builder who builds 50 houses p.a. should save up to **\$21,120** per year.

This does not take into account the costs of repairing broken pipes, debris, concrete blockages, and compensation due to trips, falls and stresses.

SCENARIO 2 INDIRECT COST SAVINGS

If 1 out of every 15 homes has 1 pipe blocked with concrete or debris, a large volume builder of 4,000 houses p.a. should save up to **\$308,920** per year.

A smaller volume builder of 50 houses should save **\$3861.50** per year.



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