

SPEC MIX Environmental Product Profile

TCC Materials Muscatine, a Licensed SPEC MIX Producer



PRODUCT SPECIALIST:

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RECYCLED CONTENT

SPEC MIX® mortar, grout, stucco, concrete and shotcrete products manufactured by TCC Materials Muscatine typically contain pre-consumer recycled content such as fly ash, slag, silica fume or other supplementary cementitious materials (SCMs). Percentages of recycled content for each SPEC MIX product are given below per LEED Requirements and by weight.

Product Category	Product	RECYCLED CONTENT		
		Pre-Consumer by Weight	Pre-Consumer Per LEED	Post-Consumer by Weight
Stucco	Fiber Base Coat Stucco	6%	4	0%
	Scratch and Brown Stucco	0%	0%	0%
	Finish Coat Stucco	0%	0%	0%
Mortar	Portland & Lime Mortar	0%	0%	0%
	Mortar Cement Mortar	0%	0%	0%
	Colored Mortar	0%	0%	0%
	Dry Pack Mortar	2%	8%	0%
Grout	Fine Core Fill Grout	7%	21%	0%
	Coarse Core Fill Grout	6%	19%	0%
	Self Consolitated Grout	7%	14%	0%
Shotcrete	SPECSHOT Shotcrete	0%	0%	0%
	SPECPATCH Schotcrete	5%	11%	0%

REGIONAL MATERIALS

TCC Materials extracts, process and package its cementitious and aggregate raw materials locally, if not regionally. Our objective when producing SPEC MIX products is to preserve the environment and the regional economy, while reducing fuel consumption and air pollution caused by transporting building materials long distances. Below are tables listing our SPEC MIX manufacturing location and extraction points.

Manufacturing Location State, City Website Address	Component Category	Extraction Points		
		Extraction City, State	Zip Code	Distance from Plant (Miles)
TCC Materials - Muscatine 2530 Pettibone Ave Muscatine, IA 52761 1-651-688-9116 www.tccmaterials.com	3/8" minus aggregate	MUSCATINE, IA	52761	0
	Concrete sand	MUSCATINE, IA	52761	0
	Masons sand	MUSCATINE, IA	52761	0
	Cement	FESTUS, MO	63028	290
	Lime	WEST BEND, WI	53095	214
	Fly Ash	MUSCATINE, IA	52761	0
	Pigment	SPRINGFIELD, IL	62702	134

GREEN CONSTRUCTION SITES

In addition to reducing groundwater pollution, TCC Materials offers SPEC MIX material delivery systems (silos) with its bulk bags of product to help reduce waste production through efficient material delivery; thus reducing overall waste while maximizing the use of raw materials and labor. The bulk bags and pallets used with the SPEC MIX silo systems can be recycled for use on other projects, which eliminates the disposal of cementitious paper bags in landfills. For every recyclable SPEC MIX bulk bag of premixed product distributed to a project site, an estimated 14 paper bags will never produced nor disposed in landfills.



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