

TECHCRETE 2500 WATERPROOFING SYSTEM

RATES OF APPLICATION & PACKAGING

TechCrete 2500 Waterproofing Agent

Surface Coverage rate: 900 - 1,000 ft² / 5 gallon pail
 84 - 93 m² / 19 liter pail
 9,900 - 11,000 ft² / 55 gal drum
 920 - 1,022 m² / 208 liter drum

Crack Coverage rate: 150 lft / 5 gallon pail
 10 LM / 19 liter pail

Packaging: 5 gallon / 19 liter pail
 55 gallon / 208 liter drum
 275 gallon Tote / 1041 liter

NOTE: The coverage rate is based upon an average application. In many cases the coverage may be slightly lower due to the porosity of the concrete and it's ability to absorb more product.

Product is the principal material within the waterproofing system. The product penetrates and bonds with concrete, creating a watertight barrier within the concrete.

TechCrete Waterproofing Admix

Coverage Rate: 1 - 22 oz bag / yd³
 1 - .8 kg bag / m³

Packaging: 22 ounce bag / 20 per pail
 .8 kg bag / 20 per pail

Product is added to the concrete mix to create waterproofing within the concrete. When used in conjunction with the TechCrete 2500 system the project qualifies for a 30-Year system warranty.

ACRtec Surface Accelerating Agent (concentrate)

Coverage rate: 900 - 1,000 ft² / 5 gallon pail
 88-98 m² / 19 liter pail
 9,900 - 11,000 ft² / 55 gallon drum

Packaging: 1-quart container (0.96 liters)
 2.5 gallon pail / 10 liter pail

Can be mixed 10:1, 15:1, or 20:1

NOTE: The coverage rate is based upon an average application and may be higher or lower depending on concrete porosity.

This product contains calcium and is used in combination with TechCrete 2500 Waterproofing Agent to help increase the reaction time of the product.

ACRtec Crack Accelerating Agent

Coverage rate: 700 - 800 lft / 5 gallon pail
 213 - 244 LM per 19 liter pail
 7,700 - 8,800 lft / 55 gallon drum
 2,347 - 2,682 LM / 208 liter drum

Packaging: 5 gallon / 19 liter pail
 55 gallon / 208 liter drum

This product contains calcium and is used in combination with TechCrete 2500 Waterproofing Agent Waterproofing Agent to help increase the reaction time of the product within the cracks.

ACRtec L43 Crack Filler

Coverage rate: 80 - 120 lft / 5 gallon pail kit
 25 - 37 LM / 19 liter pail kit

Packaging: 5 (19 liter) gallon pail Kit - 4 bags & bottles

NOTE: The coverage rate is based upon an average application. In many cases the coverage may be slightly lower due to the size of the crack.

This product is designed to be a long term fix for non-moving cracks and reduces the amount maintenance required in the future to the system.



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ACRtec PU24 Elastomeric Sealant

Coverage rate: 16 - 18 lineal feet / sausage tube
5 - 6 lineal meters / sausage tube

Packaging: 22 oz / 591ml sausage tubes / 12 per box

NOTE: The coverage rate is based upon an average application. In many cases the coverage may be slightly lower due to the size of the crack.

This product is a polyurethane based elastomeric sealant designed for moving cracks, control joints and cold joint applications. Sealants are considered a maintenance item and should be reviewed annually.

ACRtec PU44 Liquid Flashing

Coverage rate: 30 mils dry thickness

200 - 225 ft² per 5 gallon pail

18.5 - 21 m² per 19 liter pail

40 mils dry thickness

165 - 175 ft² per 5 gallon pail

15 - 16 m² per 19 liter pail

30 mils dry - apply at 50 mils wet

40 mils dry - apply at 70 mils wet

Allow to cure for 8 hrs for pedestrian traffic.

Packaging: 5 gallon pail / 19 liter pail

NOTE: The coverage rate is based upon an average application. In many cases the coverage may be slightly lower due the shape and configuration of the area being treated.

This product is a polyurethane based elastomeric liquid flashing material designed for application at deck to wall details, drains, projections, etc. Sealants are considered a maintenance item and should be reviewed annually.

enDuratite M35 Seal Tape

Coverage rate: 50 ft² per roll
4.7 m² per roll

Packaging: 6" x 100' rolls / 4 per box

A self-adhering, waterproofing tape designed to work in combination with the liquid flashing materials for a variety of flashing applications

ACRtec Concrete & Masonry Cleaner

Coverage rate: 2,500 ft² per 5 gallon pail

232 m² per 19 liter pail

Packaging: 2 gallon bottle / 2 liter bottle
5 gallon pail / 19 liter pail

NOTE: Heavily soiled surfaces may require more product to properly clean the surface. It is recommended that a small test area be treated to ensure the proper coverage rate.

This product is designed to remove ground-in dirt in the surface of concrete. It can be safely used on any concrete, CMU, brick or stone products. Product may be used directly on the surface or through a pressure washer.

ACRtec Concrete & Masonry Etch

Coverage rate: 2,500 ft² per 5 gallon pail

232 m² per 19 liter pail

Packaging: 5 gallon pail / 19 liter pail

NOTE: Coverage rate is based upon a single application. In some situations more than one application may be necessary.

This product is designed to be a safe alternative to Muriatic Acid. Does not require any neutralization and can be left to dry in place, with sweeping or vacuuming to remove cement dust.



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ACRtec Emulsifying Cleaner

Coverage rate: 300 ft² per 5 gallon pail
28 m² per 19 liter pail

Packaging: 5 gallon pail / 19 liter pail

NOTE: Repeated applications may be necessary for heavy oil and grease, which will reduce the coverage rate.

Product is design to remove grease, oil, fuel and other hydrocarbons from within the concrete surface.

ACRtec Rust Converter & Inhibitor

Coverage rate: 100 ft² per gallon
9 m² per gallon

Packaging: 1 gallon bottle / 4 liter bottle

Product is designed to convert existing rust into an inert material and protect against future rust and corrosion on steel.

enDuratite Mlastic Cementitious Flashing

Coverage rate: 54 ft² per 29 lbs pail
5 m² per 12 kg pail

Packaging: 29 lbs pail / 12 kg pail

NOTE: Repeated applications may be necessary for heavy oil and grease, which will reduce the coverage rate.

Product is designed as a cementitious flashing that can be used in place of liquid flashings or as a finish coat to the project.

enDuratite Repair Grout

Coverage rate: 7 ft² per 55 lb pail @ 3/4" thick
.65 m² per 25 kg @ 1 cm thick

200 linear feet @ 3/4"x3/4" cant strip

62.5 meter run @ 2cm x 2cm cant strip

Packaging: 55 lb pail / 25 kg pail

NOTE: Product is applied at no more than 3/4" (1 cm) thick layers up to a maximum of 4" (10 cm) thick. A minimum of 2 hours between each layer of application.

Product is designed for making repairs when damage has occurred to the concrete surface or grout surface. Use of TechCrete 2500 Waterproofing Agent prior to application is highly encouraged.

enDuratite Foundation

Coverage rate: 126 ft² per 55lbs pail / 1 coat
11.7 m² per 25kg pail / 1 coat

Packaging: 55 lb pail / 25kg pail

NOTE: Rates shown is based upon 1 coat of the product. It is recommended that 2 coats be applied to exposed surfaces and 3 coats be applied for underground, buried or tank holding vessels.

Product is designed as a surface applied protective cementitious coating/slurry to protect concrete and some masonry surfaces.

enDuratite Plug

Coverage rate: Approximately 2 lbs per application

12 applications per 26 lb pail

Approximately 1 kg per application

12 applications per 12 kg pail

Packaging: 26 lb pail / 12 kg pail

NOTE: This product should be mixed and used in small amounts as it will hardened rapidly within 1-2 minutes.

Product is specifically designed to stop water that is actively flowing through concrete. Once mixed the product must be placed IMMEDIATELY (within 25-30 seconds) so that it will immediately plug the spot or area where water is actively flowing.

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APPLICATION RATES - QUICK REFERENCE

ALCHEMCO PRODUCT	LOCATION	PACKAGE SIZE	IMPERIAL		METRIC	
			LFT	FT ²	LM	M ²
TechCrete 2500 Waterproofing Agent	Surface	5 gal / 19 liter pail	-	900	-	84
	Cracks		150	-	10	-
	Surface	55 gal / 208 liter drum	-	9,900	-	920
	Cracks		1,650	-	110	-
ACRtec Surface Accelerating Agent (Concentrated)	Surface	1-quart container (0.96 liters)	-	900	-	88
		2.5 gallon pail / 10 liter pail	-	9,900	-	920
ACRtec Crack Accelerating Agent	Cracks	5 gal / 19 liter pail	700	-	213	-
		55 gal / 208 liter drum	7000	-	2,347	-
ACRtec L43 Crack Filler	Cracks	5 gal / 19 liter pail	80	-	25	-
ACRtec PU 24 Elastomeric Sealant	Cracks	20 oz / 591 ml Sausage Pack	16	-	25	-
ACRtec PU44 Liquid Flashing	Flashings	5 gal / 19 liter pail	-	200	-	18.5
enDuratite M35 Seal Tape	Flashings	6" x 100' rolls	-	50	-	4.7
ACRtec Concrete & Masonry Cleaner	General	5 gal / 19 liter pail	-	2500	-	232
ACRtec Concrete & Masonry Etch	General	5 gal / 19 liter pail	-	2500	-	232
ACRtec Emulsifying Cleaner	General	5 gal / 19 liter pail	-	300	-	28
ACRtec Rust Converter & Inhibitor	General	1 gal / 4 liter pail	-	100	-	9
enDuratite MLastic Cementitious Flashing	General	29 lbs pail / 12 kg pail	-	54	-	5
enDuratite Repair Grout	General	55 lbs pail / 25 kg pail	200	7	-	.65
enDuratite Foundation	General	55 lbs pail / 25 kg pail	-	344	-	32
enDuratite Plug	General	26 lbs pail / 12 kg pail	2 lbs per application (1 kg)			