

Basic Mortars

	Product	Description	Item Number	MgO %	Set	Amount to lay 1000 9" straights.	Other Key Ingredients		Standard Container Size
							Cr ₂ O ₃	Carbon	
DRY	Excelbond D	High MgO mortar	0806-0055	88.5	Air	370-420	---	---	55 lb bag
	K/R Bond 95-A	High MgO mortar	0941-0055	95.5	Air	370-420	---	---	55 lb bag
	Maglock Dry		3099-0060	88.5	Air	370-420			
	N/R RFG Mortar	Fused Magnesia-Chrome mortar	1006-0055	51.8	Air	410-460	18.3	---	55 lb bag
	Rescocet M-92 AS	High MgO mortar	7356-0055	92.4	Air	450-500	---	---	55 lb bag
	Rescocet Chrome Mortar	Chrome ore based mortar	7281-0055	7.9	Air	440-490	38.2	---	55 lb bag
	Rescocet M-98	High purity Magnesite mortar	7285-0055	98.1	Air	370-420	---	---	50 lb bag
	Rescocet N-60	Magnesia-Chrome mortar	7023-0050	60.3	Air	400-450	18.9	---	50 lb bag
	K/R Bond 95-H	95% MgO mortar	0943-0055	94.3	Heat	370-420	---	---	50 lb bag
	Larcobond	Chrome ore based mortar	0967-0055	17.1	Heat	440-490	32.9	---	55 lb bag
	K/R Patchbond	Induction furnace patching mortar	0965-0055	91.2		370-420	---	---	55 lb bag
WET	Mag Carbon Dip	High MgO mortar with graphite designed for MgO-	0186-0056	32.1	Air	450-500	---	20.0	55 lb pail
	Mag Carbon Trowel	High MgO mortar for steel ladles	3098-0053	88.5	Air	370-420	---	---	53 lb pail

Mixing Dry Mortars

- Any suitable size mixing container may be used, provided it is clean and free of all contaminating materials, such as Portland cement and other non-refractory materials.
- The water should meet pure drinking water standards and, where practical, should be warm.
- Although dry air-setting mortars can be used immediately after being mixed with water, a creamier texture is achieved if they are mixed at least 12 hours before using.
- **Shelf-life** of dry mortars is typically 12 months from date of manufacture when stored properly.

Preparing Wet Mortars

- If it is necessary to thin a mortar, drinking quality water should be added in small amounts and each addition mixed thoroughly before more water is added.
- Frozen mortar must be completely thawed before use. This is best accomplished by placing the frozen material in a heated area (70°-80°F) and allowing it to thaw slowly. Mix thoroughly before using.
- All wet mortars should be stored in a cool area.
- Due to settling that may occur during shipping and storage, all wet mortars should be premixed prior to use.
- **Shelf-life** of wet mortars is typically 3 months from date of manufacture when stored properly.

Resco Products, Inc. furnishes both wet and dry mortars. Dry mortars are shipped in moisture-proof bags and must be prepared for use on the job by mixing with water. Wet mortars are factory-mixed and shipped in air-tight pails. Most can be used as-received, or thinned to a dipping consistency by the addition of water.



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July 2012



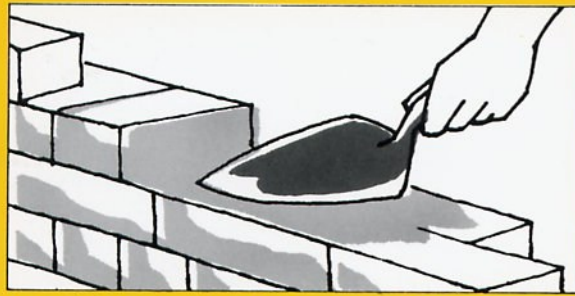
ADAMANT
A-O BRUSH MIX
ALUTAB
EXCELBOND D
K/R BOND
K/R PATCHBOND
LARCOBOND
LL (LADLE LOCK)
LO-SET
MAG CARBON
MAGLOCK
METALDAM
PYROSET
RESCOSET
RFG Mortar
SPRAY MIX
SUPER ADAMANT

**REFRACTORY
MORTARS**

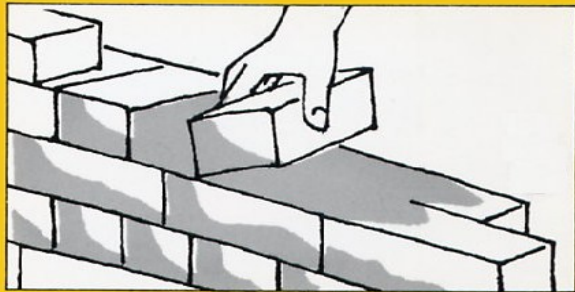
**Clay/Alumina and
Basic Mortars**



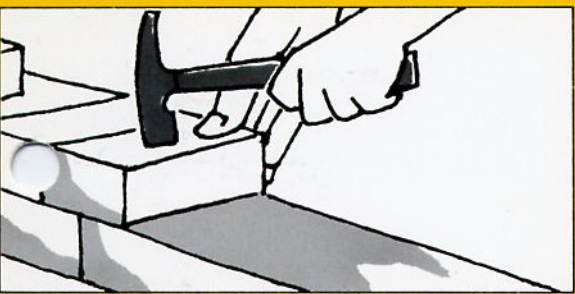
Clay/Alumina Mortars



Trowel thin "cushion" of mortar where brick is to be laid.



Trowel or dip contact surfaces of brick, slide into place.



Tap the brick firmly into place with hammer against top.



Tap brick firmly with hammer against side as shown.

Product	Standard Size		Alternate Size		Description	Temp Limit °F	Al ₂ O ₃ %	Set	Amount to lay 1000 9" straights.
	Item Number	Container Size	Item Number	Container Size					
Adamant X Green	0109-0056	IN 55 LB PAIL			Fireclay-silica based mortar	2800	4.6	Air	325-400
Adamant X Yellow	0110-0056	IN 55 LB PAIL			Fireclay-silica based mortar	2800	4.6	Air	325-400
Rescoset MD	0655-0055	IN 55 LB PAIL			Bonding mortar	2800	16.1	Air	325-400
Super Adamant	0354-0055	IN 55 LB PAIL			High alumina bonding mortar	3000	36.2	Air	325-375
Super Adamant Trowel	0355-0056	IN 55 LB PAIL			High alumina bonding mortar				
Spray Mix S-506 (Wet)	1128-0050	IN 50 LB PAIL			Coating cement	3000	39.8	Air	325-400
Pyroset	0265-0055	IN 55 LB PAIL			Super-duty bonding mortar	3000	42.4	Air	350-400
LL 3000 TROWEL	3060-0050	IN 50 LB PAIL	3060-0060	IN 60 LB PAIL	Super-duty bonding mortar	3000	48.0	Air	350-400
LL 3000 DIPPING	3051-0050	IN 50 LB PAIL							
LL 3000 TROWEL W	3061-0050	IN 50 LB PAIL	3061-0060	IN 60 LB PAIL					
LL 3000 DIPPING WINTER	3052-0050	IN 50 LB PAIL							
LL 70 TROWEL	3079-0050	IN 50 LB PAIL	3079-0060	IN 60 LB PAIL	High alumina bonding mortar	3100	72.0	Air	375-450
LL 70 DIPPING	3066-0050	IN 50 LB PAIL	3066-0060	IN 60 LB PAIL					
LL 70 TROWEL W	3080-0050	IN 50 LB PAIL	3080-0060	IN 60 LB PAIL					
LL 70 DIPPING WINTER	3068-0052	IN 52 LB PAIL							
LL 80 DIP	3081-0050	IN 50 LB PAIL	3081-0060	IN 60 LB PAIL	High alumina bonding mortar	3200	79.2	Air	400-450
LL 80 TROWEL	3083-0050	IN 50 LB PAIL	3083-0060	IN 60 LB PAIL					
LL 80 Dip W	3082-0055	IN 55 LB PAIL	3082-0060	IN 60 LB PAIL					
LL 80 TROWEL W	3084-0050	IN 50 LB PAIL	3084-0060	IN 60 LB PAIL					
LL 85 DIP	3085-0056	IN 56 LB PAIL			High alumina bonding mortar	3200	83.1	Air	400-450
LL 85 TROWEL	3089-0050	IN 50 LB PAIL							
LL 85 DIPPING WINTER	3086-0056	IN 56 LB PAIL							
LL 85 TROWEL W	3090-0050	IN 50 LB PAIL							
LL 90	1688-0055	IN 55 LB PAIL			90% alumina bonding mortar	3400	89.6	Air	450-500
LL 85PB	3087-0050	IN 50 LB PAIL	3087-0060	IN 60 LB PAIL	High alumina bonding mortar	3200	86.1	Phos	400-450
LL 85 PB DIPPING	3218-0055	IN 55 LB PAIL							
LL 85 PB TROWEL WINTER	3088-0050	IN 50 LB PAIL	3088-0060	IN 60 LB PAIL	High alumina bonding mortar	3300	89.6	Phos	400-450
LL 90PB	3091-0050	IN 50 LB PAIL	3091-0060	IN 60 LB PAIL	High alumina bonding mortar	3200	80.6	Phos	400-500
LL 90 PB WINTER	3093-0050	IN 50 LB PAIL	3093-0060	IN 60 LB PAIL	High alumina-chrome mortar				
Rescoset 10CR	7102-0055	IN 55 LB PAIL			Oxidation protective coating for carbon-containing refractory			Phos	One gallon per 40 ft ²
RESCOSET 10 CR DIP	7243-0055	IN 55 LB PAIL							
A-O Brush Mix	0102-0046	IN 45 LB PAIL							
Lo-Set	0972-0050	in 50 lb Bags			Super-duty bonding mortar	3000	40.9	Air	290-325
LL K	3097-0060	in 60 lb Bags			Super-duty bonding mortar	3000		Air	290-325
Metaldam	0967-0055	in 55 lb Bags			High alumina mortar	3100	59.8	Heat	290-325
Alutab	0768-0055	in 55 lb Bags			High alumina bonding mortar	3400	85.5	Air	450-500

WET

DRY

