

Resco Products, Inc. furnishes both plastics and ram mixes. All of the products listed here are supplied pre-mixed, ready to use. They are supplied in cartons and/or pails.

Installing Plastic Refractories

- Use of a pneumatic rammer with a metal, convex-shaped head is recommended.
 - Use rigid forms for arches. Proper anchoring and support is essential.
 - When patching, clean surface thoroughly, and for best results, apply a coating of compatible high temperature bonding mortar before installing the plastic.
 - Trim surface while plastic is still soft. Do not smooth the surface—a rough surface allows moisture to escape.
 - Moisture escape holes are recommended for the hot face. Use a 1/8" diameter rod with a pointed end. Insert the rod approximately two-thirds of the thickness of the plastic on not more than 6" centers.
 - To control cracking in installations with large surface areas such as walls or roof sections, construction joints should be formed by scoring the surface of the plastic. Score to a depth of 1.5". Score lines should be on 36" centers, vertically and horizontally, between anchors.
 - Drying and heat up should be started as soon as possible after installation is completed.
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Suggestions for Installing Ramming Mixes

- Use pneumatic rammers with wedge-shaped steel heads. Never use rubber heads.
- Always use rigid forms, preferably steel.
- Do not ram over loose, unconsolidated sub bottoms.
- Material should be placed in approximately 2" layers of loose material and compacted. A steady flow of material is desired to prevent laminations. Ramming should be continuous to prevent material dryout between layers.



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CORLINE
CORPATCH
MONO P
RESCO LR
RESCORAM
RESCORAM A
RESCORAM A RM
ST-001 PATCH MIX

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CORLINE

**REFRACTORY
PLASTICS
AND
RAM MIXES**



AIR SET PRODUCTS

	Name	Category	°F	Material Required per Ft ³	%	%	%	%	%	%	%	%	%	1500 °F cc Erosion	1500 °F psi CCS	1500 °F psi MOR	1500 °F % PLC	
			Service Temp.		Al ₂ O ₃	SiO ₂	SiC	Fe ₂ O ₃	CaO	MgO	TiO ₂	P ₂ O ₅	Cr ₂ O ₃					Alk.
PLASTICS	Rescoram A-45HC	45	3000	143	42.8	54.2	---	1.0	0.1	0.1	1.3	---	---	0.5	---	1130	150	0.0
	Rescoram A-45	45	3100	148	43.6	54.2	---	0.8	0.1	0.1	0.7	---	---	0.5	---	75 to 250	0.8 to 1.2	
	Rescoram A-60	60	3100	159	55.6	40.7	---	1.3	---	0.1	1.9	---	---	0.4	---	200 to 400	-0.2 to 0.2	
	Rescoram A-70	70	3300	166	71.4	24.2	---	1.3	0.1	0.1	2.4	---	---	0.5	---	400 to 700	-0.2 to 0.2	
	Rescoram A-80	80	3300	165	79.1	16.8	---	1.5	---	---	2.4	---	---	0.2	---	---	---	

PATCHING/ RAM MIXES	ST-001 Patching Mix	Ram	---	---	62.6	32.8	---	1.4	0.4	0.4	0.8	---	---	1.6	---	---	---	---
	Rescoram A-80 RM	Ram	3100	159	78.5	16.5	---	1.4	---	---	3.1	---	---	0.5	---	---	---	---

HEAT SET PRODUCTS

PLASTIC	Rescoram A-45 Heatset	45	3000	143	42.8	54.2	---	1.0	0.1	0.1	1.3	---	---	0.5	---	---	---	0.0
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PHOS-BONDED PRODUCTS

PLASTICS	Rescoram 50	50	3000	151	48.0	46.6	---	0.9	---	---	1.0	3.2	---	0.3	---	---	200 to 500	0.2 to 0.6
	Rescoram 60	60	3000	170	61.3	29.8	---	1.4	0.1	---	2.2	4.6	---	0.6	< 10.0	3000 to 5000	800 to 1200	0.2 to 0.3
	Rescoram 70 Blue	70	3100	165	72.0	20.6	---	1.0	0.1	0.2	1.8	3.9	---	0.4	< 13.0	---	1325	0.02
	MONO P-85 AL	85	2200/3100*	180-185	81.7	8.4	---	0.8	0.8	0.3	1.6	6.2	---	0.2	---	5500 to 7000	1400 to 1700	-0.7 to -1.5
	Rescoram 85S Fine	85	3000	153	82.6	9.4	---	1.1	0.1	0.3	2.7	3.4	---	0.4	---	---	900	-0.2
	Rescoram 85S	85	3300	177	83.1	9.4	---	1.2	0.1	0.3	2.2	3.2	---	0.5	< 10.0	---	1700	-0.03
	MONO P-85 ABR	85	3100	180-185	84.5	8.4	---	0.7	Tr	0.2	1.3	4.7	---	0.2	< 7.0	7000 to 10000	1600 to 2800	-1.0 to -1.5
	Rescoram 85	85	3000	182	84.8	7.4	---	1.2	0.1	0.3	2.1	3.6	---	0.5	< 10.0	---	1720	-0.03
	Rescoram 90F	90	3100	183	91.3	4.5	---	0.2	0.2	0.2	0.1	3.5	---	0.2	---	---	1800	0.2
	Rescoram 90	90	3100	192	93.2	2.6	---	0.2	0.1	0.1	---	3.5	---	0.3	< 5.0	---	2400	-0.02

	Rescoram 7CR	Chrome	3100	173	78.2	7.5	---	1.2	0.1	0.3	2.2	3.1	7.1	0.3	< 10.0	---	1300	-0.3
	Rescoram 10 CR	Chrome	3100	203	83.3	2.6	---	0.1	0.1	0.2	---	3.0	10.5	0.2	< 10.0	---	2000	-0.2

	Rescoram 80 SC	SiC	2800	147-150	11.8	6.4	77.9	0.1	---	0.1	0.1	3.5	---	0.1	< 12.0	5000 to 5500	1000 to 1300	-0.1 to 0.03
	Rescoram 70 SC	SiC	2900	165	21.4	5.1	69.5	0.2	0.1	0.2	---	3.4	---	0.2	< 12.0	3500 to 4200	1500 to 2000	-0.1 to -0.3

	CORLINE	Special	3300	175-185	87.4	5.3	---	0.3	0.1	0.1	0.2	6.3	---	0.3	< 7.0	---	3000 to 4000	-0.2 to -0.8
	CORLINE MS	Special	3300	175-185	87.4	5.3	---	0.3	0.1	0.1	0.2	6.3	---	0.3	< 7.0	---	3000 to 4000	-0.2 to -0.8

PATCHING/ RAM MIXES	Corpatch 50 MS	Ram	2900	140-150	49.7	41.9	---	1.3	0.3	0.5	1.3	3.9	---	1.1	---	---	---	---
	CORPATCH 80	Ram	3100	155-160	73.8	16.2	---	1.0	0.1	0.1	1.3	7.2	---	0.3	< 8.0	---	2600 to 3500	-1.0 to 0.2
	CORPATCH 80 MS	Ram	3100	155-160	73.8	16.2	---	1.0	0.1	0.1	1.3	7.2	---	0.3	< 8.0	---	2600 to 3500	-1.0 to 0.2
	Resco LR	Ram	3300	182	83.5	9.8	---	1.3	0.4	---	2.3	2.1	---	0.6	---	3600 to 5100	700 to 1000	-0.2 to +0.2

* Denotes aluminum contact limit/other applications limit

