

February 27, 2013

Attn: Cold Mix Customers

Re: Cold Mix Products

API produces two Cold Mix Products for use by Departments of Transportations, County Highway Departments, Municipalities, and Private customers.

Our standard cold mix is referred to as MC-250 Cold Mix and is an excellent spring, summer, and fall blend that is also very economical. It is similar in gradation to an INDOT #11 Surface and is made with 100% Crushed limestone coarse aggregate with natural sand for the fine aggregate.

We also produce a High Performance Cold Mix referred to as BMP. This product can be used year round but is most effective during the winter months because it stays more pliable and easier to work with during cold weather. It is similar in gradation to an INDOT #12 Surface and is also made with 100% Crushed limestone coarse aggregate with natural sand for the fine aggregate.

The gradations and bituminous content for these two products are as follows.

#11 MC-250 Cold Mix

BMP Cold Mix

Sieve Size	% Passing	Sieve Size	% Passing
12.5 mm (.5")	100	12.5 mm (.5")	100
9.5 mm (3/8")	90-100	9.5 mm (3/8")	95-100
4.75 mm (no. 4)	< 90	4.75 mm (no. 4)	50-80
2.36 mm (no. 8)	33-45	2.36 mm (no. 8)	0-35
1.18 mm (no. 16)		1.18 mm (no. 16)	0-4
600 um (no. 30)		600 um (no. 30)	
300 um (no. 50)		300 um (no. 50)	
150 um (no. 100)		150 um (no. 100)	
75 um (no. 200)	2-10	75 um (no. 200)	
MC-250 Liquid	5.4 to 5.8 %	BMP Liquid	5.5 to 6.0 %