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|---|---|-------|--------|-------|------------|--------|---|-------|-------------|-------|--------|-------|---|-------|---------|-------|--------------------|---|--|-----|------------|---|---------|-----|---|---|--------|-----|------------|---|---------|-----|-----------|---|--------|-----|------------|---|---------|-----|
|   | ACOPIO 1'   |       |        |       |            |        |   |       | ACOPIO 3/4' |       |        |       |   |       |         |       | ACOPIO 3/8' PLANTA |   |  |     |            |   |         |     | ACOPIO 3/8' AVENIDA   |   |        |     |            |   |         |     | MDC-10    |   | MDC-19 |     | MDC-25     |   |         |     |
| TAMIZ   | PESO RET.   |       | % RET. |       | PESO ACUM. |        | % PASA.   |       | PESO RET.   |       | % RET. |       | PESO ACUM.  |       | % PASA. |       | PESO RET.          |   | % RET.   |     | PESO ACUM. |   | % PASA. |     | PESO RET.   |   | % RET. |     | PESO ACUM. |   | % PASA. |     | PESO RET. |   | % RET. |     | PESO ACUM. |   | % PASA. |     |
| 1"  | 25.00   | 0     | 0.0    | 0.0   | 100.0      | 0      | 0.0   | 0.0   | 100.0       | 0     | 0.0    | 0.0   | 100.0   | 0     | 0.0     | 0.0   | 100.0              | 0 | 0.0  | 0.0 | 100.0      | 0 | 0.0     | 0.0 | 100.0   | 0 | 0.0    | 0.0 | 100.0      | 0 | 0.0     | 0.0 | 100.0     | 0 | 0.0    | 0.0 | 100.0      | 0 | 0.0     | 0.0 |
| 3/4"  | 19.00   | 99.2  | 29.1   | 29.1  | 70.9       | 0      | 0.0   | 0.0   | 100.0       | 0     | 0.0    | 0.0   | 100.0   | 0     | 0.0     | 0.0   | 100.0              | 0 | 0.0  | 0.0 | 100.0      | 0 | 0.0     | 0.0 | 100.0   | 0 | 0.0    | 0.0 | 100.0      | 0 | 0.0     | 0.0 | 100.0     | 0 | 0.0    | 0.0 | 100.0      | 0 | 0.0     | 0.0 |
| 1/2"  | 12.50   | 1429  | 44.9   | 74.1  | 25.9       | 1422.1 | 57.2  | 57.2  | 42.8        | 0     | 0.0    | 0.0   | 100.0   | 0     | 0.0     | 0.0   | 100.0              | 0 | 0.0  | 0.0 | 100.0      | 0 | 0.0     | 0.0 | 100.0   | 0 | 0.0    | 0.0 | 100.0      | 0 | 0.0     | 0.0 | 100.0     | 0 | 0.0    | 0.0 | 100.0      | 0 | 0.0     | 0.0 |
| 3/8"  | 9.500   | 408.9 | 12.9   | 86.9  | 13.1       | 852.5  | 34.3  | 91.5  | 8.5         | 0     | 0.0    | 0.0   | 100.0   | 0     | 0.0     | 0.0   | 100.0              | 0 | 0.0  | 0.0 | 100.0      | 0 | 0.0     | 0.0 | 100.0   | 0 | 0.0    | 0.0 | 100.0      | 0 | 0.0     | 0.0 | 100.0     | 0 | 0.0    | 0.0 | 100.0      | 0 | 0.0     | 0.0 |
| Nº 4  | 4.750   | 203.4 | 8.9    | 93.9  | 4.1        | 173    | 7.0   | 98.5  | 1.5         | 455.4 | 24.0   | 24.0  | 76.0  | 292.8 | 26.4    | 26.4  | 73.4               | 0 | 0.0  | 0.0 | 100.0      | 0 | 0.0     | 0.0 | 100.0   | 0 | 0.0    | 0.0 | 100.0      | 0 | 0.0     | 0.0 | 100.0     | 0 | 0.0    | 0.0 | 100.0      | 0 | 0.0     | 0.0 |
| Nº 10   | 2.000   | 72.5  | 2.3    | 96.1  | 1.9        | 1.9    | 0.1   | 99.9  | 1.5         | 433.3 | 22.3   | 46.3  | 53.7  | 256.6 | 23.4    | 50.2  | 49.8               | 0 | 0.0  | 0.0 | 100.0      | 0 | 0.0     | 0.0 | 100.0   | 0 | 0.0    | 0.0 | 100.0      | 0 | 0.0     | 0.0 | 100.0     | 0 | 0.0    | 0.0 | 100.0      | 0 | 0.0     | 0.0 |
| Nº 40   | 0.425   | 20.7  | 0.7    | 99.3  | 1.2        | 2.6    | 0.1   | 99.9  | 1.4         | 352   | 28.4   | 74.8  | 25.2  | 433.9 | 26.3    | 76.5  | 23.5               | 0 | 0.0  | 0.0 | 100.0      | 0 | 0.0     | 0.0 | 100.0   | 0 | 0.0    | 0.0 | 100.0      | 0 | 0.0     | 0.0 | 100.0     | 0 | 0.0    | 0.0 | 100.0      | 0 | 0.0     | 0.0 |
| Nº 80   | 0.180   | 10.4  | 0.3    | 99.1  | 0.9        | 3.8    | 0.2   | 99.9  | 1.1         | 229.9 | 11.8   | 86.6  | 13.4  | 223.4 | 10.0    | 88.5  | 11.5               | 0 | 0.0  | 0.0 | 100.0      | 0 | 0.0     | 0.0 | 100.0   | 0 | 0.0    | 0.0 | 100.0      | 0 | 0.0     | 0.0 | 100.0     | 0 | 0.0    | 0.0 | 100.0      | 0 | 0.0     | 0.0 |
| Nº 200  | 0.075   | 7.1   | 0.3    | 99.4  | 0.6        | 8.3    | 0.3   | 99.2  | 0.8         | 113.5 | 3.8    | 92.5  | 7.5   | 100.4 | 4.5     | 93.0  | 7.0                | 0 | 0.0  | 0.0 | 100.0      | 0 | 0.0     | 0.0 | 100.0   | 0 | 0.0    | 0.0 | 100.0      | 0 | 0.0     | 0.0 | 100.0     | 0 | 0.0    | 0.0 | 100.0      | 0 | 0.0     | 0.0 |
| PASA Nº 200   |   | 48.1  | 0.6    | 100.0 | 0.0        | 19.7   | 0.8   | 100.0 | 0.0         | 146.2 | 7.5    | 100.0 | 0.0   | 100.0 | 7.0     | 100.0 | 0.0                |   |  |     |            |   |         |     |   |   |        |     |            |   |         |     |           |   |        |     |            |   |         |     |

|          |            |        |               |        |            |       |               |        |            |        |               |        |            |        |               |        |            |       |               |        |
|----------|------------|--------|---------------|--------|------------|-------|---------------|--------|------------|--------|---------------|--------|------------|--------|---------------|--------|------------|-------|---------------|--------|
| MUESTRAS | HUMEDAD    |        | PESOS         |        | HUMEDAD    |       | PESOS         |        | HUMEDAD    |        | PESOS         |        | HUMEDAD    |        | PESOS         |        | HUMEDAD    |       | PESOS         |        |
|          | P. INICIAL | 1000.0 | P. H. INICIAL | 3210.4 | P. INICIAL | 400.3 | P. H. INICIAL | 2200   | P. INICIAL | 3200.0 | P. H. INICIAL | 2000   | P. INICIAL | 3000.0 | P. H. INICIAL | 2202.2 | P. INICIAL | 400.4 | P. H. INICIAL | 2233.9 |
|          | P. FINAL   | 990.2  | P. S. INICIAL | 3178.1 | P. FINAL   | 399.9 | P. S. INICIAL | 2486.1 | P. FINAL   | 485.1  | P. S. INICIAL | 1940.5 | P. FINAL   | 485.4  | P. S. INICIAL | 2233.9 | P. FINAL   | 478.5 | P. S. INICIAL | 2100.8 |
|          | % H        | 1.08   | P. S. FINAL   | 91.62  | % H        | 0.995 | P. S. FINAL   | 2467.2 | % H        | 2.795  | P. S. FINAL   | 181.3  | % H        | 2.295  | P. S. FINAL   | 2100.8 |            |       |               |        |

FÓRMULA DE TRABAJO

|        |        |                                   |     |                    |        |                                     |                                    |                    |                    |          |
|--------|--------|-----------------------------------|-----|--------------------|--------|-------------------------------------|------------------------------------|--------------------|--------------------|----------|
| MDC-10 | TAMIZ  | Especificación TABLA 450.5 MDC-10 |     | GRADACIÓN ORIGINAL |        | % A UTILIZAR EN PESO                |                                    | MATERIAL COMBINADO | FÓRMULA DE TRABAJO |          |
|        |        | PULGADAS                          | mm  | LM SUP             | LM INF | % ARENA TRIENADA PARA 3/8" CONCRETO | % ARENA TRIENADA PARA 3/8" AVENIDA |                    | SUPERIOR           | INFERIOR |
|        | 1"     | 25.00                             | 100 | 100                | 100.0  | 100.0                               | 50.0                               | 100.0              | 100                | 100.0    |
|        | 3/4"   | 19.00                             | 100 | 100                | 100.0  | 100.0                               | 50.0                               | 100.0              | 100                | 100.0    |
|        | 1/2"   | 12.50                             | 100 | 100                | 100.0  | 100.0                               | 50.0                               | 100.0              | 100                | 100.0    |
|        | 3/8"   | 9.500                             | 100 | 100                | 100.0  | 100.0                               | 50.0                               | 100.0              | 100                | 100.0    |
|        | Nº 4   | 4.750                             | 87  | 45                 | 76.0   | 72.4                                | 38.0                               | 36.7               | 79.7               | 49.2     |
|        | Nº 10  | 2.000                             | 41  | 42                 | 33.7   | 49.8                                | 24.6                               | 24.9               | 51.7               | 46.7     |
|        | Nº 40  | 0.425                             | 29  | 14                 | 25.2   | 21.5                                | 12.6                               | 10.7               | 23.3               | 18.3     |
|        | Nº 80  | 0.180                             | 19  | 9                  | 13.4   | 11.5                                | 6.7                                | 5.7                | 12.4               | 14.6     |
|        | Nº 200 | 0.075                             | 10  | 5                  | 7.5    | 7.0                                 | 3.8                                | 3.5                | 9.0                | 5.0      |

