

# AR 0/4-650

Client : Quality Control Argex  
 0032/32.50.15.15

|                       |  |
|-----------------------|--|
| <b>lab</b>            | Quality Control Argex 0032/32.50.15.15 |
| <b>Aggregate Size</b> | 0/4 mm                                 |
| <b>Certifications</b> | EN 13055 : NL BSB K73820 (1/01/2004)   |

| Essential char. - performance                          | Minimum | Average                | Maximum | Declared | Standard       |
|--|---------|------------------------|---------|----------|----------------|
| Particle Shape   |         | Round                  |         |          | EN 13055       |
| Crushing Resistance (T-2x30")                          |         | NPD                    |         |          | EN 13055       |
| Loose Bulk Density (+- 15% of declared value)          | 553     | 704 kg/m <sup>3</sup>  | 748     | 650      | EN 1097-3      |
| Oven-Dried Particle Density (+- 15% of declared value) | 900     | 1124 kg/m <sup>3</sup> | 1200    | 1050     | EXCA Guideline |
| Freezing & Thawing Resistance                          |         | NPD                    |         |          | EN 1367-7      |
| Los Angeles + Micro Deval (4-6.3)                      |         | NPD                    |         |          | EN 1097-1 & 2  |
| Los-Angeles (4-6.3)                                    |         | NPD                    |         |          | EN 1097-2      |
| Polished Stone Value                                   |         | NPD                    |         |          | EN 1097-8      |
| Volume Stability                                       |         | 0.22 %                 | 0.50    |          | EN 1367-8      |
| Water Content ( from silo )                            | 0.0     | 2.5 %                  | 15.0    |          | EN 1097-5      |
| Water Absorption 5'                                    | 14.01   | 18.40 %                | 22.58   |          | EXCA Guideline |
| Active alkalines content ( Na <sub>2</sub> O eq. )     |         | 0.061 %                |         |          | LPC 37         |
| Alkali - reactivity (qualification)                    |         | No Reactive (NR)       |         |          | FD P18-542     |
| Alkali Silica Reactivity                               |         | NPD                    |         |          | EN 13055       |
| Chloride   |         | 0.001 %                | 0.010   |          | EN 1744-1      |
| Cleanliness  |         | Pass                   |         |          | EN 1744-1      |
| Release Of Dangerous Substances                        |         | NPD                    |         |          | EN 13055       |
| Reaction To Fire                                       |         | Euroclass A1           |         |          | EN 13501-1     |
| Total Sulphur  |         | 0.22 %                 | 0.55    |          | EN 1744-1      |
| Acid-Soluble Sulfate                                   |         | 0.087 %                | 0.500   |          | EN 1744-1      |

| Grading ( EN 933-1 ) |      |           |      |          |
|----------------------|------|-----------|------|----------|
| sieve (mm)           | mini | % passing | maxi | Declared |
| 0.000                | 0.0  | 0.0       | 10.0 |          |
| 0.063                | 1.0  | 6.3       | 15.0 |          |
| 0.125                | 2    | 12        | 18   |          |
| 0.250                | 5    | 17        | 25   |          |
| 0.500                | 8    | 21        | 28   |          |
| 1.000                | 15   | 30        | 35   |          |
| 2.000                | 35   | 55        | 60   |          |
| 3.150                | 68   | 81        | 93   |          |
| 4.000                | 90   | 95        | 100  |          |
| 5.000                | 95   | 100       | 100  |          |

