



# Dyckerhoff FEST

## Hydraulic lime 5 EN 459-1 - HL 5

Data acc. to EN 459-1

|   | Typical data | Specification EN 459-1 |
|---|--------------|------------------------|
| <b>Mechanical data:</b>                   |              |                        |
| Compressive strength 2 days [MPa]         | 10           | ≥ 2,0                  |
| Compressive strength 28 days [MPa]        | 12           | ≥ 5,0                  |
| <b>Physical data:</b>                     |              |                        |
| Setting time (initial) [min]              | 207          | ≥ 60                   |
| Setting time (final) [min]                | 268          | ≤ 900                  |
| Le Chatelier test [mm]                    | 1            | ≤ 20                   |
| R90 [%]                                   | 2,4          | ≤ 15                   |
| R200 [%]                                  | 0,2          | ≤ 5                    |
| Air void content, %                       | 14           | ≤ 25                   |
| Flow spread, mm                           | 185          | ≥ 182 / ≤ 188          |
| Spec. density (bulk), g/l                 | 936          | ≥ 600 / ≤ 1000         |
| <b>Chemical data:</b>                     |              |                        |
| Available lime as Ca(OH) <sub>2</sub> , % | 4,9          | ≥ 4,0                  |

HL 5 is produced, tested and certified acc. EN 459-1.

Certificate of consistency of performance: 0785-CPR-11062-13

This cement has a reduced content of soluble chromium VI acc. to TRGS 613.