

## MAGNUM

The economical large tile.

- High cost-effectiveness thanks to mega format
- Combination of size and quality without compromises due to premium technology
- Seamless overlap and optimal flow behaviour
- Three stable suspension lugs ensure a secure hold and reliable circulation around roof battens
- The interlock, water control and especially favourable cw value make MAGNUM an outstanding tile that is suitable for both very flat and very steep roofs
- Even with strong winds, the penetration of rainwater is prevented by the "labyrinth technology", with five specially shaped and extremely pronounced side ribs

### TECHNICAL DATA

|                                     |                        |
|-------------------------------------|------------------------|
| Size (appr.)                        | 357 x 495 mm           |
| Covering width min. approx.         | 295 mm                 |
| Covering width on av. approx.       | 296 mm                 |
| Max. coverage width (approx.)       | 297 mm                 |
| Min. gauge (approx.)                | 390 mm                 |
| Covering length on av. approx.      | 400 mm                 |
| Max. gauge (approx.)                | 411 mm                 |
| Tile requirement min. (approx.)     | 8.2 pcs/m <sup>2</sup> |
| Average tile requirement (approx.)  | 8.5 pcs/m <sup>2</sup> |
| Brickware max. approx.              | 8.7 pcs/m <sup>2</sup> |
| Unit weight (approx.)               | 4.9 kg/piece           |
| Weight per m <sup>2</sup> (approx.) | 41.7 kg/m <sup>2</sup> |
| Weight per pallet (approx.)         | 848 kg                 |
| Pcs per mini-pack                   | 4 piece                |
| Pcs per pallet                      | 168 piece              |



## APPLICATIONS

| ADDITIONAL MEASURES ACCORDING TO CREATON MANUFACTURER'S SPECIFICATIONS   |        |
|--|--------|
| Standard roof pitch CREATON DE in combination with additional measures according to manufacturer's specifications<br>Standard roof pitch CREATON DE in combination with additional measures according to manufacturer's specifications | 16 °   |
| Installation of a trussing sheet/glued sub-roof without nail seals, possible CREATON products: DUO extra, DUO longlife ND extra, TRIO extra, QUATTRO longlife extra  | ≥ 16 ° |
| Installation of a trussing sheet/glued sub-roof without nail seals, possible CREATON products: DUO longlife ND extra   | ≥ 14 ° |
| Installation of a trussing sheet/glued sub-roof with nail seals, possible CREATON products: DUO extra, DUO longlife ND extra, TRIO extra, QUATTRO longlife extra   | ≥ 14 ° |
| Installation as a rainproof sub-roof, possible CREATON products: DUO longlife ND extra, TRIO extra, QUATTRO longlife extra   | ≥ 12 ° |
| Installation as a watertight sub-roof, possible CREATON products: QUATTRO longlife extra   | ≥ 10 ° |
| Installation as a watertight sub-roof welded in a 7° special solution, please observe separate installation guidelines, possible CREATON products: QUATTRO longlife extra  | -      |

## TECHNICAL INFORMATIONS

- The technical drawing shown is merely an example.
- According to the Central Association of the German Roofing Trade (ZVDH) rules for verge tiles, the distance between the inner edge of the verge lug and the outer edge of the gable wall or cladding must be at least 1 cm.
- Current national rules and standards apply to the execution of roofing work. These vary from country to country (e.g. ZVDH Rules, Austrian Standards) and must be taken into consideration during execution. As manufacturer's information, CREATON-specific information about the execution of the sub-roof is also applicable and is complementary to these. You can find them in our Roof Planner or at [www.creaton.de](http://www.creaton.de) / [www.creaton.at](http://www.creaton.at).
- Please consider the sample letter for the standard CREATON roof pitches.



LAF-/FLA-VALUES

| LAF-/FLA VALUES IN MM WITH FALZ FOR 30X50-BATTENS |     |     |     |     |     |     |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| requirement ridgetile (approx.)                   | DN  | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° | 55° | 60° |
| PF 2.5 pcs/m                                      | LAF | 110 | 110 | 110 | 100 | 100 | 100 | 90  | 90  | 90  | 90  | 90  |
| PF 2.5 pcs/m                                      | FLA | 100 | 95  | 90  | 80  | 70  | 60  | 50  | 40  | 30  | 20  | 10  |

| LAF-/FLA VALUES IN MM WITH FALZ FOR 40X60-BATTENS |     |     |     |     |     |     |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| requirement ridgetile (approx.)                   | DN  | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° | 55° | 60° |
| PF 2.5 pcs/m                                      | LAF | 110 | 110 | 110 | 95  | 95  | 95  | 85  | 80  | 75  | 75  | 75  |
| PF 2.5 pcs/m                                      | FLA | 110 | 105 | 100 | 90  | 80  | 70  | 60  | 50  | 40  | 30  | 20  |

| LAF-/FLA VALUES IN MM WITH FALZ FOR 50X50-BATTENS |     |     |     |     |     |     |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| requirement ridgetile (approx.)                   | DN  | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° | 55° | 60° |
| PF 2.5 pcs/m                                      | LAF | 105 | 105 | 105 | 90  | 90  | 85  | 75  | 70  | 65  | 65  | 60  |
| PF 2.5 pcs/m                                      | FLA | 120 | 115 | 110 | 100 | 90  | 85  | 75  | 65  | 60  | 50  | 50  |

