





## FLOOR TILE ADHESIVES CHOICE GUIDE

The maximum length of the longer side of tiles, in cm, is reported in the boxes.

Warning: the following information in the box are the result of our experience.

| MAX. LENGTH OF THE LONGER SIDE OF TILE (cm) |                                   | HIGH PERFORMANCE ADHESIVES FOR CERAMIC TILES AND STABLE NATURAL STONES |                  |                  |                        |                   |                   |                 |                 |                                |                 | HIGH PERFORMANCE EPOXY POLYURETHANE ADHESIVE |                  |
|---|-----------------------------------|--|------------------|------------------|------------------------|-------------------|-------------------|-----------------|-----------------|--------------------------------|-----------------|--|------------------|
|   |                                   | BENFERFLEX+S1  | BENFERFLEX C2    | Benfer ECOFlex   | BENFERFLEX SEMI FLUIDE | BENFERFLEX RAPIDO | Benfer ECOFlex SP | BENFERGRIP+     | BENFERGRIP C2TE | BENFERGRIP C2TE + CEMLATEX 600 | BENFERFIX C2TE  |  | BENFERFIX EXTRA  |
| EN 12004 classification                     |                                   | C2TES1<br>C2E (G)S1  | C2TE S1          | C2TE S1          | C2 E S1                | C2FTE S1          | C2TE S1           | C2TE            | C2TE            | C2TE S2                        | C2TE            | C1TE   | R2T              |
| SUITABLE SUBSTRATES                         |                                   |  |                  |                  |                        |                   |                   |                 |                 |                                |                 |  |                  |
| OUTSIDE                                     | Aged concrete                     | 120  | 120              | 120              | 120                    | 120               | 120               | 45              | 45              | 120                            | 45              |  | 120              |
|   | Cement screeds                    | 120  | 120              | 120              | 120                    | 120               | 120               | 45              | 45              | 120                            | 45              | 30   | 120              |
|   | Flexible waterproofing            | 120  | 120              | 120              | 120                    | 120               | 120               |                 |                 | 120                            |                 |  | 120              |
| INSIDE                                      | Aged concrete                     | 90   | 90               | 90               | 90                     | 90                | 90                | 45              | 45              | 360                            | 45              |  | 360              |
|   | Cement screeds standard or heated | 360 <sup>1</sup>   | 360 <sup>1</sup> | 360 <sup>1</sup> | 360 <sup>1</sup>       | 360 <sup>1</sup>  | 360 <sup>1</sup>  | 90 <sup>2</sup> | 90 <sup>2</sup> | 360 <sup>1</sup>               | 90 <sup>2</sup> | 45 <sup>3</sup>                              | 360 <sup>1</sup> |
|   | Fluid heated screed cement based  | 360 <sup>1</sup>   | 360 <sup>1</sup> | 360 <sup>1</sup> | 360 <sup>1</sup>       | 360 <sup>1</sup>  | 360 <sup>1</sup>  | 90 <sup>2</sup> | 90 <sup>2</sup> | 360 <sup>1</sup>               | 90 <sup>2</sup> |  | 360 <sup>1</sup> |
|   | Fluid anhydrite heated screed     | 120 <sup>1</sup>   | 120 <sup>1</sup> | 120 <sup>1</sup> | 120 <sup>1</sup>       |                   | 120 <sup>1</sup>  | 60 <sup>2</sup> | 60 <sup>2</sup> | 60 <sup>2</sup>                | 60 <sup>2</sup> |  | 120 <sup>1</sup> |
|   | Old tiles                         | 360  | 360              | 360              | 360                    | 360               | 360               | 90              | 90              | 360                            | 90              |  | 360              |
|   | Wooden boards                     | 60   | 60               | 60               | 60                     | 60                | 60                |                 |                 | 60                             |                 |  | 90               |
|   | Flexible waterproofing            | 360  | 360              | 360              | 360                    | 360               | 360               |                 |                 | 360                            |                 |  | 360              |
|   | Steel / PVC                       |  |                  |                  |                        |                   |                   |                 |                 |                                |                 |  |                  |
| SWIMMING POOL                               | Aged concrete                     | 90   | 90               | 90               | 90                     | 90                | 90                | 30              | 30              | 120                            | 30              |  | 120              |
|   | Cement screeds                    | 90   | 90               | 90               | 90                     | 90                | 90                | 30              | 30              | 120                            | 30              |  | 120              |
|   | Flexible waterproofing            | 90   | 90               | 90               | 90                     | 90                | 90                |                 |                 | 120                            |                 |  | 120              |
|   | Steel / PVC                       |  |                  |                  |                        |                   |                   |                 |                 |                                |                 |  | 60               |

### NOTES:

-  Use not allowed
-  Abrasion of support is recommended
-  Fast setting
-  Treatment with specific primer

<sup>1</sup> with electric heating system, max. 90 cm

<sup>2</sup> allowed with water heating system

<sup>3</sup> only unheated