

Claims

1. Process for providing a fiber cement product, the process comprising the steps of
 - (a) providing an uncured fiber cement product,
 - (b) curing the uncured fiber cement product ,
 - (c) optionally abrasive blasting of at least part of the surface of the cured fiber cement product,
 - (d) treating the cured fiber cement product with CO₂ at a concentration of 0.01 to 100 % by volume, at a temperature of 5 to 90°C, relative humidity of 30 to 99 % for a period of 1 minute to 48 hours.
2. Process according to claim 1 wherein in step (d) the concentration of CO₂ is between 1 and 30 % by volume, preferably 5 to 20 % by volume.
3. Process according to claim 1 or 2 wherein step (d) takes place at a temperature of 20 to 60°C.
4. Process according to any one of the preceding claims wherein step (d) takes place at a relative humidity of 40 to 95 %.
5. Process according to any one of the preceding claims wherein step (d) takes place during a period of between 1 hour and 8 hours.
6. Process according to any one of the preceding claims wherein step (b) involves allowing the product to cure in air over a time period of at least 7 days, preferably at least 14 days, most preferably at least one month.
7. Fiber cement products obtainable by the process as defined in any one of the preceding claims.
8. Use of the fiber cement products as defined in claim 7 for covering of a building construction.
9. Treating a cured fiber cement product with CO₂ at a concentration of 0.01 to 100 % by volume, at a temperature of 5 to 90°C, relative humidity of 30 to 99 % for a period of 1 minute to 48 hours to limit or prevent the occurrence of efflorescence on the outer surface of fiber cement products exposed to a humid environment.