

# GRC MATERIAL

ENVIRONMENTALLY FRIENDLY  
AND EASY TO INSTALL

**BB** fiberbeton



# KEY FEATURES

- Unlimited geometry and surfaces
- High strength
- Lightweight
- Easy installation
- Durable also in extreme weather conditions
- No technical maintenance needed
- Sustainable and environmentally friendly

SKY PARK | ARCHITECT: ZAHA HADID ARCHITECTS



# LIGHTWEIGHT

- Lightweight and high strength
- GRC often has a thickness of only 12 mm
- Easy to pack and transport
- Low transportation costs
- Reduces loads on buildings



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A close-up photograph of a curved, light-colored GRC (Glass Reinforced Concrete) architectural element being shaped by a metal mold. The mold is made of heavy metal and has a small wooden tag attached to it. In the background, a worker in a blue shirt is visible, working on another similar piece. The scene is set in a factory or workshop environment.

# FORMABLE

- Very versatile building material
- Moulds are built to form the most complex shapes for both renovation and new construction
- Returns, curves, patterns are all possible
- GRC combines elegance with functionality to produce stunning elements









# SUSTAINABLE

- GRC elements are environmentally friendly
- Made to measure to avoid waste on building site
- Low energy consumption in production
- Reduced cement usage per square meter
- Reduced transport costs
- No technical maintenance needed
- With +100 years, GRC will outlast the building
- Part of LEED Platinum / DGNB Platinum buildings

HARALDSPASS | ARCHITECT: C.F. MØLLER







# DURABLE

- High tensile strength
- GRC elements are flexible and resistant to cracking
- The resilience of GRC has been heavily tested
- Damages can easily be repaired
- Fire resistance class A – non-combustible
- GRC elements are very long lasting



# SURFACES

- GRC looks elegant on its own
- White cement is used due to its highly aesthetic look
- GRC has a natural white colour but can be coloured with pigments, paints and natural stone facings
- Can easily be moulded to produce texture from rocks to fine ornamental details
- GRC are usually plain smooth or with a washed finish



AARHUS | ARCHITECT: BIG

KVIBERG | ARCHITECT: ERSEUS



METROPOLIS | ARCHITECT: DANIELSEN





# THE MATERIAL

- Produced by reinforcement of a cementitious matrix with alkali resistant glassfibres
- The mix is sprayed into moulds
- GRC combines the high strength of glassfibres with the rigidity of concrete
- The thickness of the elements are typically 12 mm
- Please find technical data of our GRC [here](#)







AARHUS | ARCHITECT: BIG



TALK TO US ABOUT YOUR PROJECT  
WE SPEAK DANISH, SWEDISH, ENGLISH AND DUTCH  
+45 56 16 80 08



Hjørnegårdsvej 10 | 4623 LI. Skensved | Denmark  
[info@bbfiberbeton.dk](mailto:info@bbfiberbeton.dk) | [www.bbfiberbeton.dk](http://www.bbfiberbeton.dk)

