







C + A





In creating our design for the competition, we had the impression that those awarding the prize wanted it to be clear from the outside that the building comprised two churches. However, as the individual volumes of both churches seemed too small to us compared to the actual square, we decided to consolidate both churches in a homogeneous form and also develop the connecting central hall over the entire height to increase the volume further. The structure was intended to act as an erratic block and have a compact appearance with material homogeneity. These initial urbanistic considerations resulted in the immediate ilding parts (Catholic and Protestant churches and central hall). Only in developing the design further did we discover the opportunity of integrating the three spatial units together. As a small door cannot connect a high-walled room with another high-walled room, we thought it appropriate not The idea of folding the wall came from the desire to lend the long room in the Catholic church a rhythm, thereby allowing the room to achieve a balance. This effect is supported by the fact that the wall sections are inc The result is a room that seems to "open up towards heaven", over a row of overhead lights along the wall. The differently inclined vall sections have the effect that, in the room's interior, the shadow rom the overhead lights is interrupted at the breaks in the wall nd changes direction. As a result, when sunlight enters the room, e interior appears just as plastic as the outer walls.

nooth fair-faced concrete surfaces form the surface of all the ls in the church, even that of the floor whose surface is waxed, ever. The ceilings are made of wood. The windows and overhead s are made of pale-grey (concrete-coloured) steel profiles.



All the outer walls are made monolithically from lightweight aggregate concrete approximately 40 centimetres thick to avoid any necessary thermal insulating layer.

The construction firm contracted had the task of creating an almost non-porous surface homogenous in colour despite the roximately 40 centimetres thick to avoid

ace homogenous in colour despite the high

To create a very pale concrete from the natural colours of cement

of approximately four and a half metres.

Form panels were cut at the factory using digital patterns and were delivered to the construction site in complete modules.

Due to the unusually high ambient temperatures during construction (summer 2 003), in conjunction with the large wall thickness, the hydration heat when setting the concrete resulted in temperatures which meant that temporary formwork water cooling was required.

As the city of Freiburg functions as a role model with regard to low-energy buildings all public buildings are constructed in heat when setting the concrete resulted

to low-energy buildings, all public buildings are constructed in accordance with the Low Energy Building Standard as per the Freiburg calculation method. This results in a permitted thermal energy consumption value of 65 KWh/(m²a) for areas with normal g energy consumption is 59 KWh/(m²a)



