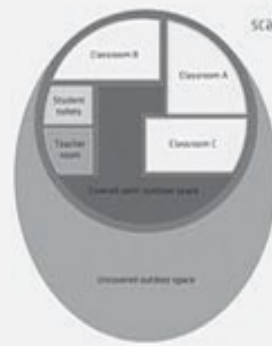


The idea was developed from a primary resin known shape to be then revealed in a different function of the space that allows to give place to a school without calling off from traditional buildings. Here the project gives space to a different approach to an education-dedicated building usually perceived as familiar. This primary approach facilitates the impact on final users (students) and in the meantime prevent a sharp contrast with its environment and surroundings. The focus was on making the element homogeneous drawing inspiration from african traditional constructions - typical cultural concepts and materials. The final solution is thus completely satisfying the general purpose of using linear shapes but also uniting it with innovative and contemporary elements.



Layout scale 1:200

BAMBOO

Bamboos are giant, fast-growing grasses that have woody stems.



APPLICATIONS

The utilization of bamboo continue to create economic impact new engineered applications which include particle boards, plywood and other laminates, and emergent technologies of high strength bio-composites have been developed.



PROPERTY

As a consequence the most stable fibre structures in bamboo are most dense in regions of greatest longitudinal stress. Wood bends relatively easily but bamboo does not.



CORK

An incredibly versatile natural material, cork is harvested from living cork oak trees somewhat like wool is gathered from sheep.



APPLICATIONS

Cork's unique combination of a high coefficient of friction, resilience, high energy absorption, excellent insulation properties it is a material for a variety of applications.



PROPERTY

Cork gives a very low conductivity of heat, sound and vibration, mainly because the cell honeycomb structure means that it is made up of lots of tiny, sealed pockets of air which give it incredible insulation properties that are also very durable. Cork is actually extremely flammable.



STONE

All natural stones are products of nature. Stone varies in color, and tonality. These are normal characteristics which are expected.



APPLICATIONS

The use of stones in architecture has increased significantly in recent year, largely due to innovations in production and transportation. This gave way to architectural stone, a stone designed and cured to precise specifications.



PROPERTY

The chief characteristics to be considered by the construction are Cost, Durability, Strength, and Appearance. Although in some cases this represents the order in which these qualifications are desired.



scale 1:100

Section B

Section A



North-east view

South-east view

