

The Universal Bathroom



Movable Panels Bathroom

The movable panels are designed to allow periodic major changes to the bathroom environment. The bathroom fixtures are mounted on panels so they can be freely arranged and rearranged over time. The shower has its own drainage floor consists of special tiles that can drain water quickly before anything could happen on the wet and slippery bathroom floor. The entire bathroom floor can also be made out of this drainage floor, depends on user's demand. There are also storage panels for multipurpose uses. They can be extended or reduced according to needs. On these storage panels are the grab bars. They're adjustable in vertical and horizontal dimension and function as support and assistance especially for people with disabilities. The panels come with different colors, allowing easy customization in bathroom environment and make it possible to redesign over time without having major difficulties.

Conclusion

This modular natured design allows continued production of replacement parts, prevent over production, and reduce disposal waste. It's easy to maintained and also recyclable. The movable panels system increase the use cycle of fixture panels and fascia walls. Currently, the universal design is produced for residential use only. Because taken into consideration is the human's life cycle that changes over time and human's needs that change along. This bathroom is designed to easily adapt to environmental changes and different needs. Thus I think the design has potential to be used in public buildings like hospitals, department stores, libraries, airports, and just about any building with various users's ages and needs. It is a sustainable design, in other words it's easy to adapt, be repaired, and redesigned over time.

While it also safe the space requirements, the universal bathroom allows the creation of dynamic motion within itself, which can be more explored to create new and different bathroom atmospheres.



Sources

- http://www.ap.buffalo.edu/idea/bright_idea/udbathroom/udbathroom.htm