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objective perception by home-use experts of the suitability of a material in a certain location, count both the general perception of society and aspects such as quality, price, user intenance, cleanliness and suitability of use.

ce of valuation is a complicated task because the knowledge of the technique that leads to

te of market value is insufficient.

t value involves both objective and subjective aspects that mean value for the property.

of studies on the subjective perception of how construction materials influence the market operties for residential use.

n survey carried out randomly among public bodies and professional associations in the cante between March to April 2009.

ary to obtain 35 valid surveys. For the sample calculation was used the expression

Assumptions: d: 2,500 building experts, margin of error of 5%, Z: 95% level of confidence, p = 90% expected next proportion q=(1-p) the supplementary percentage.

ucture was:

 $q)/d^2$

nographic variables: the relationship between individuals' perception of the quality of life and paraphic characteristics.

preferences: the expert's aesthetic perception based on the most feasible materials used in onstruction.

quality: the quality of materials depending on their location (toilet, bathroom, kitchen, gallery, and living room) and taking into account the following priorities of choice: quality, price, user ce, maintenance, cleanliness, suitability of use.

Table 1. Average values of the priority factors for choosing the materials selected by the exp or 3rd option, the preference of choice being based on the following aspects: guality, price maintenance, cleanliness and use suitability.

Average values of the priority factors for choosing the material as a 1st, 2nd or 3rd option			Quality	Price	User acceptance	Maintenance
	1st	Porcelain tiles	9.14	7.66	8.52	9.24
Toilet	2nd	Marble	8.11	6.00	8.42	7.84
	3rd	Glazed stoneware	8.13	8.07	8.60	9.00
	1st	Porcelain tiles	9.07	7.60	8.43	9.13
Bathroom	2nd	Marble	8.11	6.00	8.42	7.84
	3rd	Glazed stoneware	7.93	8.14	8.57	9.00
Kitchen	1st	Porcelain tiles	9.32	7.64	8.64	9.29
	2 nd	Tiles	7.96	8.00	7.56	8.56
	3rd	Glazed stoneware	8.43	8.43	8.36	9.14
	1st	Porcelain tiles	9.38	7.67	8.79	9.33
Gallery	2 nd	Tiles	7.90	8.10	7.76	8.43
	3rd	Rustic stoneware	8.43	8.36	7.14	8.21
Bedroom	1st	Marble	8.48	7.17	8.59	7.50
	2 nd	Wooden Floors	8.73	7.59	9.10	7.00
	3rd	Parquet	9.05	7.50	8.48	7.80
Living Room	1st	Marble	8.32	7.20	8.48	7.80
	2 nd	Wooden Floors	8.83	7.65	8.78	7.13
	3rd	Parquet	9.11	7.63	9.05	7.32

outlay is certainly less than if one uses natural stone materials. For the <u>living room and bedrooms</u>, the perceived quality and suitability of use prevail

For humid areas they consider Porcelain tiles most suitable. This may be due to a great perceived quality associated with better maintenance and good user acceptance, whi

their choice, regarding both the most favoured material (marble) and for the most r technical point of view (wood). In both cases, it is believed that the technical quality of material has possibly been ov

order of choice, when excusing the fact that it is easily stained, its low durability against

- and/or that it scratches easily, its cleaning and / or maintenance. After PCA study, the six original variables have been reduced to two.
- In humid areas the main component correlates quality, user acceptance, cleanliness a use.
- In the **other rooms**, apart from those mentioned, it also correlates price.
- In both cases, these two components can be explained a percentage close to 67% of the

Table 2. Shows the expert' material choice order after to carry out a PCA in an instance of humid areas (toilet) and another for other rooms (living room).

	rials b	cl y exp I optic	
То	ilet	1st 2nd	Po tile Gla sto
		3rd	N W

Prioritized materials , 2nd y 3r	by exp	hoice of perts with 1st ons	Order of choice average	Expected order of choice average	Experts' of cho frequer average
Toilet	1st	Porcelain tiles	1.24	1.808	29.0
	2nd	Glazed stoneware	2.13	1.876	7.39
	3rd	Marble	2.32	2.135	7.39
Living	1st	Wooden floor	1.74	1.84	8.48
	2nd	Parquet	1 93	1 93	8 78

2.16

Marble

CONCLUSIONS

• Experts believe the ceramic and natural stone as the greatest influence on the m residential housing based on aspects such as quality, user acceptance, cleanliness and