



केन्द्रीय सरकारी कर्मचारी कल्याण आवास संगठन
**Central Government Employees
Welfare Housing Organisation**
(Ministry of Housing & Urban Poverty Alleviation, Govt. of India)

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07 May 10

To all the beneficiaries of Chennai (Ph II) project

Sub : Construction of Group Housing complex at Parathipattu, Poonamallee Road, Chennai

Sir/ Madam,

As you are aware that Chennai (Ph II) project is progressing and most of the structural works are already stands completed. We have also taken up the finishing works and accordingly the following revisions were made in the specifications of the following items :

- i) As per the scheme & technical brochure the door frames are to be of pressed steel frames. In view of the feed back received with regard to the rusting of the frames, it was decided to provide factory made RCC door frames which are of better specification than pressed steel frame considering the cost involved.
- ii) Considering the present trend as well as technical aspects, the specifications of flooring were reviewed. This is mainly due to the reasons that the availability of the marble of the same shade for such a mass housing project has become very difficult. Further mosaic tiles has become a real obsolete specification and is not presentable in quality house. Considering the technical and aesthetic betterment, it was decided to provide 600 x 600 mm vitrified tiles of marble finish in the drawing and dining room as well as 400 x 400 mm off white ivory shade rectified tiles (Edge cut ceramic tiles) in all other rooms. It is to inform you that the above changes are technically superior than the original specifications. Further it is to inform you that the colour scheme adopted in drawing/ dining room is of marble finish which shall resemble to marble flooring. The off-white colour in all other rooms are considered to give a matching look.

2. A comparison between mosaic/ marble flooring and vitrified/ rectified flooring is placed in Annexure A.

Yours faithfully,

(M Narayanan)
Dy Director (Tech)
for Chief Executive Officer

Annexure-A

COMPARISION OF FLOORING TYPES				
S.NO.	ATTRIBUTES	VITRIFIED TILES/ RECTIFIED TILES	MOSAIC TILES	MARBLE
1	Stain	Stain free	will stain	will stain
2	Heat/fire resistance	No effect	Turns Black	Turns Black
3	Water resistance	water proof	absorbs water	absorbs water
4	Acid/Alkali resistance	No effect	Highly effected	Highly effected
5	Colours	wide range	wide range	limited natural range
6	Designs	wide range	wide range	limited natural range
7	Bending strength Kg/cm	400	100	220
8	weight in Kg/sq.m.	16	48	70
9	Porosity	non porous	Porous	Porous
10	Echo	Proof	Low	High
11	Bacteria	Free	High effect	High effect
12	Performance in 10 or more years	As good as new	stained look	stained look and gets rough
13	Thermal Insulation	Good insulation	Bad insulator	Bad insulator
14	Smell	free	Medium	Medium
15	Maintenance	Free	Required	Required
16	Fixing ease & time	easy in 24 hrs	difficult in 15 days	difficult in 30 days
17	Reflection of Light	High	Low	Medium