


TYPES OF FLOORS AND CEILINGS

4.1. Vocabulary

Ex. 1. Match the words to their Russian equivalents.

1. fiber material 	а. глянцевая отделка
2. framework	б. система вентиляции, в которой подающая среда подается сверху
3. glossy finish	с. передавать
4. threaded rod	д. каркас
5. overhead ventilation	е. резьбовая шпилька
6. transmit	ф. волокнистый материал

Ex. 2. Match the words to their definitions.

1. soffit slab	а. Able to withstand exposure to water without being damaged or degraded.
2. nail gun	б. A type of natural stone that is often used in construction and sculpture due to its beauty and durability.
3. moisture resistant	с. A tool that uses compressed air to drive nails into wood or other materials.
4. solid wood	д. A flat piece of material that is used to cover the underside of a roof overhang or ceiling.
5. fiberboard	е. A type of engineered wood product that is made by compressing wood fibers with glue under high pressure and temperature.
6. marble	ф. Wood that is made from a single, solid piece of lumber and has no

	hollow spaces or veneers.
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Ex. 3. *Make questions using the following words:*

1. threaded/rod/long
2. install/glossy/finish
3. fiber/material/made
4. sound/transmit/easily
5. overhead/ventilation/room
6. build/framework/structure
7. false/ceiling/used
8. soffit/slab/installed
9. moisture/resistant/area
10. nail/gun/solid

4.2. Reading

Ex. 1. *Read the text.*

Types of Ceilings Used in Building Construction

The overhead surface which covers roof construction inside the room is known as the Ceiling. It is used to decorate the roof inside the room or corridor.

Selection of ceiling is based on some factors such as geographical condition, location of the building, material availability, cost of material, etc.

There are different types of Ceilings used in building construction.

1. Gypsum Ceiling

Gypsum Ceiling has commonly used for new construction, it comes under the category of false ceiling and it is hung with the help of a

threaded rod of 8 mm or 10 mm diameter. We can make the desired design on different levels. Gypsum provides a clean and glossy finish. We can get the desired painting finish by choosing different colors. It is suitable to install different lights like a spotlight, cove light, track light, focus light, etc.

2. Acoustical Ceiling

Acoustical Ceiling is used to control sound in a building, it is generally used where there is a noisy environment like an auditorium, cinema halls, kitchens, etc. We use fiber material for the acoustical to control the sound effect. Fibers can absorb the sound and don't transmit this sound into another medium. This prevents the echo in the building.

3. Wire Mesh Ceiling

Wire Mesh is a very innovative and new concept. It provides a different variety in the design. The cost of wire mesh is very low. It also prevents echo in the building. Generally, it is used in industrial buildings. Wire mesh offers both a stylish and functional solution for a building. The metal fabric acts as a stylish façade for overhead ventilation and sprinkler systems and permits light to be elegantly diffused off of its variable patterns. With a lifecycle measured in decades, architectural mesh systems are more beautiful and serviceable compared to other traditional ceilings systems.

4. Wooden Ceiling

With its common surface and beguiling style, you can warm up your space with a wood roof. The strong wooden suspended roof frameworks are not just greatly tough; they likewise give spaces a rich, contemporary look. What's more, the frameworks are additionally truly appropriate for spaces in which the acoustics are critical.

Wooden roofs are made from tiles and boards. Standard boards are treated with a straightforward polish, yet in the event that a unique look is required, exceptional varnishes, recoloring, or paint completions can be connected. It is additionally conceivable to slip-match or miss-coordinate

sheets and relying upon how the facade is coordinated, a noteworthy plan can be made.

5. Painted Exposed Ceiling

Painted Exposed Ceiling gives the space an industrial feel, as well as the appearance of higher ceilings. It is generally used in industrial buildings, restaurants, shopping malls, exhibition centers, etc. Painted Exposed Ceiling can be a great way to finish your space and keep the costs down while allowing for maximum height.

6. Aluminum Strip Ceiling

Aluminum Strip Ceiling used as a false ceiling. Normally this type of Ceiling is provided in the Bathroom and Toilet. Aluminum Strips are water and moisture resistant. These strips can be replaced very easily.

7. Cement Board Ceiling

This type of ceiling is used to protect the slab soffit from water. Fiber cement boards are used as ceiling material. Cement board is a very heavy material and needs at least 4 workers to place and install cement board sheets.

8. Vinyl Ceiling

The vinyl ceiling is moisture resistant and very light in weight. Like cement boards, vinyl ceilings can be used for exterior surfaces.

Ex. 2. Answer the questions.

1. What is a ceiling in building construction?
2. What factors are considered when selecting a type of ceiling for a building?
3. What is a gypsum ceiling and what are its advantages?
4. Where is an acoustical ceiling commonly used, and how does it control sound?
5. What is a wire mesh ceiling, and where is it typically used?

6. How can a wooden ceiling warm up a space, and what design options are available?
7. What is a painted exposed ceiling, and where is it commonly used?
8. What is an aluminum strip ceiling, and where is it usually installed?
9. Why is a cement board ceiling used, and what are some challenges associated with installing it?
10. What are the benefits of using a vinyl ceiling?

4.3. Grammar

	Participle I			Participle II	
	Active	Passive	Значение		Значение
Simple	asking	being asked	действие, происходящее	asked	действие, которое
Perfect	having asked	having been asked	одновременно с глаголом-сказуемым		испытывает на себе лицо или предмет; соответствует в русском языке причастию страдательного залога

Ex. 1. Open the brackets. Use Participle I or Participle II.

1. (When to walk) in the park, I met my friends
2. The (to watch) movie was interesting
3. (After to watch) movie, I went to bed
4. (When to cook) food, I decided to call her
5. The (to cook) food was delicious
6. (After to cook) food, I decided to rest
7. (When to study), I got tired
8. The (to print) document was perfect

9. (After to finish) dinner, I went outside
10. (When to read), I found a very unusual sentence
11. The (to read) book was boring
12. (After to read) the book, I turned on music.