Preparing for an earthquake

Evaluation of seismic capacity/Seismic renovation

Safety measures inside and outside the house

In the event of a major earthquake, even if the damage to the house is minor, you may get hurt due to falling or scattering of furniture and home appliances. Evacuation or rescue delays may occur due to obstacles at the exit or escape route.

In order to protect yourself from the great Nankai Trough Earthquake that is predicted to occur, let's carry out "safety measures" for the place you live.

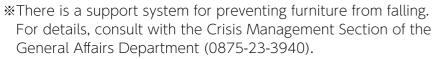
Take "safety measures for home" in preparation for an earthquake!

■Safety measures inside the house

Install furniture safely.

Place all your furniture in a room where as few persons as λ possible have access. When placing furniture in a bed room, place furniture so that it does not fall on your body.

 Measures to prevent falling or dropping furniture Create no space between furniture and walls or pillars. Additionally, use L-shape brackets, retaining brackets, and fall prevention sheets of furniture to prevent them from falling or dropping.



 Don't place things on the passage or doorway. To ensure an evacuation route in case of emergency, don't place things in the passage or doorway as much as possible.

 Anti-scattering film for window glass Apply anti-shatter film to windows as well as glass used for the cupboard and frames.



■ Safety measures outside the house

Roof

· Reinforce if the roof tiles are cracked, misaligned, or peeled.

• Fix the antenna firmly.

*There is a support system for roof. For details, consult with the Construction Group of the Construction Section in the Construction Department (0875-23-3942).

Balcony

- · Always keep the balcony tidy.
- · Keep the flower pots at a low place to avoid falling.

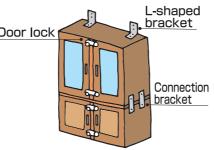
Propane gas

· Firmly fix with a chain.

Brick wall

- · Repair any cracks or tilt.
- · Reinforce those without solid foundation in the ground or steel in the wall.







Grant system in Kan-onji City

Kan-onji City supports seismic measures to promote earthquake resistance of houses. In the case of the great Nankai Trough Earthquake which is predicted to occur at a high probability in the future, the maximum seismic intensity of 7 is assumed in Kan-onji City. Therefore, it is important to promote earthquake resistance of houses as a measure to reduce the damage caused by the collapse of houses in the event of such a major earthquake. First, let's start with seismic



First, seismic diagnosis

90% assistance up to 90,000 yen

In order to create a safe town that is strong against earthquakes, this system is intended to support some of the expenses required for seismic diagnosis of houses in the city and disseminate and raise awareness of the need for seismic measures.

Requirements for applicable houses

- Houses built before May 31, 1981
- **Provided, however, that the wooden-frame construction, log construction, and the special construction method approved by the Minister, etc. are excluded.
- The applicant should be the owner of a detached house or a tenement house or a dwelling house combined with other uses.
- There is no serious violation based on the provisions of the Building Standards Act.
- Persons eligible for the subsidy are not delinquent in paying



Take measures before tremor! Seismic renovation

The municipality will subsidize part of the seismic renovation expenses and a series of renovation expenses in association with earthquake resistance for houses that are considered to "possibly collapse" or "likely to collapse" as a result of a seismic diagnosis.

Requirements for applicable houses

- Houses built before May 31, 1981
- **Provided, however, that the wooden-frame construction, log construction, and the special construction method approved by the Minister, etc. are excluded.
- The applicant should be the owner of a detached house
- or a tenement house or a dwelling house combined with other uses.
- There is no serious violation based on the provisions of the Building Standards Act. After renovation or installation of shelter, the applicant needs to live in the house.
- No assistance has been received in the past concerning the seismic project for housing, etc.
- Regarding (1) and (2), a business operator that performs construction work needs to have a sales office in the city.
- (2) is limited to a wooden house.

What is the superstructure score?

It is a numerical value to decide the collapse

It is divided into the following four categories and used as a criterion for renovation.

| | ouper structure score | oddgillellt |
|--|-----------------------|----------------------------|
| | > 1.5 | May not collapse |
| | 1.0 - < 1.5 | May not collapse basically |
| | 0.7 - < 1.0 | May collapse |
| | < 0.7 | Very likely to collapse |
| | | |

Full-scale seismic renovation

Renovation with the superstructure score of > 1.0 after renovation.

> Assistance of the total amount up to 1 million yen



Simple seismic renovation

Renovation with the superstructure score of > 0.7 after renovation.

> Assistance of the total amount up to 500,000 yen



<u>Installation of seismic shelters, etc.</u>

Install a seismic shelter or seismic bed to protect yourself.

> Assistance of the total amount up to 200,000 yen

*There is a support system for roof.

For details, please consult us. Construction Group, Construction Section, Construction Department Telephone: 0875-23-3942

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