

STRONGHOLD OF LIFE



photo credit: Yamada Denshinkan
photography: Makoto Orikasa

The guideline for lifeboat against tsunami

Aluminum Tsunami Floating Shelter (Lifeboat Against Tsunami)

Tsuneishi Tsunami Shelter 8021
TTS8021

Type Approval Number : APPROVED NO.3

Tsuneishi Tsunami Shelter 8025
TTS8025

Type Approval Number : HKTN-4



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『Our skill and spirit will save a life.』

Aluminum Tsunami Floating Shelter



Tsuneishi Tsunami Shelter 8021
TTS8021

Tsuneishi Tsunami Shelter 8025
TTS8025

On the 11th March, 2011, an unprecedented earthquake hit eastern Japan. We should never repeat the tragedy again.... In such spirit and to protect human life, we, "TFC CO., LTD." and "Tsuneishi Facilities & Craft Co., Ltd.", have developed an aluminum tsunami floating shelter on the basis of our ship-building skill built up through manufacturing aluminum craft and lifeboat.

FEATURES

Body Made Of Aluminum Alloy Suitable For Recycling

The main structure of an aluminum tsunami floating shelter is made of aluminum alloy which is tough, durable and light.

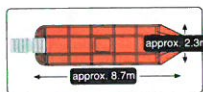
This material is recyclable and suitable for the sustainable society.



Transportable By 10-Ton Truck

It is able to be transported anywhere 10-ton truck passable and used as an anti-disaster facility at inshore area, welfare and communal facilities such as school, public hall and hospital.

size of it is so designed to accommodate on 10-ton truck



SAFETY PERFORMANCE

Shock-Resistant Structure

Rubber fenders are fitted around the aluminum monocoque body to absorb the shock when collided with buildings or drifts caused by muddy stream.

keep safe from shock



Collision Bulkhead To Hold Water Back

In case the outside wall is broken by a shock, the collision bulkhead prevents water entry and ensures victim's safety.

keep safe from water entry



Restoring Force

The body is unsinkable structure due to the buoyancy material, therefore it will not sink. In case that it becomes upside down, it returns to the normal position at once.

keep safe from overthrow



EQUIPMENT

Food And Water For 1 Week

A week worth of food, water, first aid kit and thermal protective aid are stocked in the shelter. LED lighting and toilet are also set up.



Seat With Safety Belt

The room have high safety to prevent the victims from being injured by shake or shock. They can spend in the shelter for a week until rescue comes.



Wheelchair Accessible Barrier-Free Facility

By installing barrier-free slope to the doorway, vulnerable road users such as elderly and the disabled can get in easily.

help easy evacuation



SPECIFICATIONS

PRINCIPAL PARTICULARS

model : TTS8021, TTS8025
material : aluminum alloy
capacity : 21 persons or 25 persons
length : 8.70m
width : 2.30m
height : 2.55m

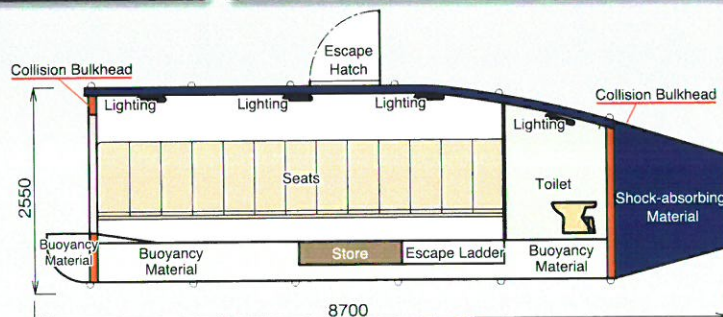
MAIN FITTINGS

- search and rescue radar transponder
- LED lighting
- toilet
- lighting window
- 21 seats or 25 seats with safety belt
- escape ladder
- store

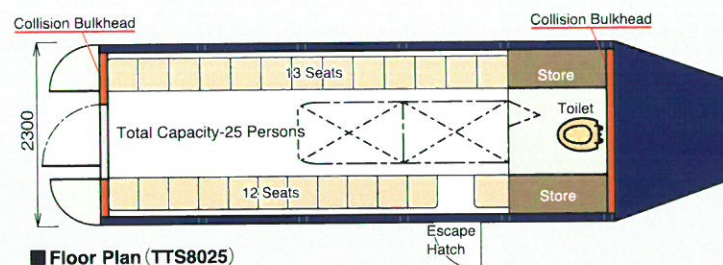
EQUIPMENT

- boat hook
- bucket
- waterproof lighting
- flare
- all-purpose knife
- guidance book
- first aid treatment kit
- seasickness medicine
- seasickness bag
- thermal protective aid
- drinking water
- emergency food
- pocket warmer
- cooling sheet
- water cooling towel
- spare battery
- mobile recharger
- *Optional Products

note : Periodic inspection and maintenance are required for trouble-free operation of an aluminum tsunami floating shelter in case of emergency.



■ Cross Section (TTS8025)



■ Floor Plan (TTS8025)