

Contact

Kozo Keikaku Engineering Inc.

Head Office	
Head Office New Annex	
Osaka Branch Office	
Chubu Sales Office	
Kumamoto Office	
Kyushu Branch Office	KMM Bldg., 2Fl.2-14-1 Asano, Kokura Kita-ku, Kita Kyushu, Fukuoka, Japan 802-0001 TEL : +81-93-511-1271
Shanghai Rep. Office	



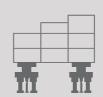
* The information in this brochure is subject to change without a prior notification.

* The company name (Kozo Keikaku Engineering Inc.) and its logos are registered trademarks of Kozo Keikaku Engineering Inc.

* Other brand names and product names are trademarks or registered trademarks of their respective companies.

* Date of issue: June 01, 2011

Copyright 2011 KOZO KEIKAKU ENGINEERING Inc. All Rights Reserved.



Asagaya Project

The Chisuikan 知粹館











KOZO KEIKAKU ENGINEERING Inc.

The WORLD'S FIRST 3-D seismic isolator system

Rubber bearing

Horizontal wave

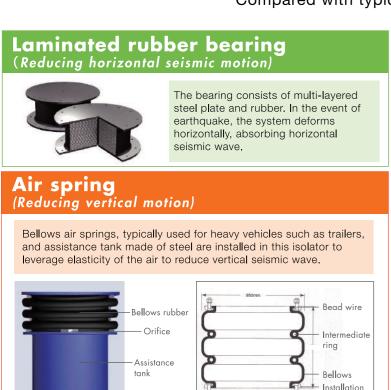


Air spring

Vertical wave

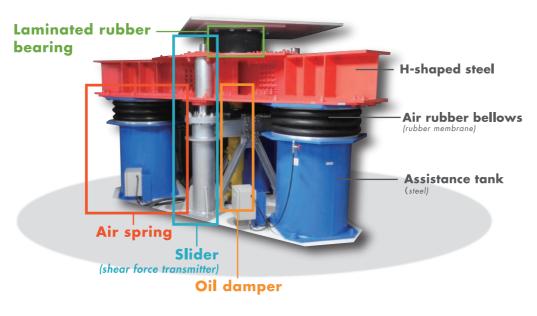


*Compared with typical seismic resistant buildings.

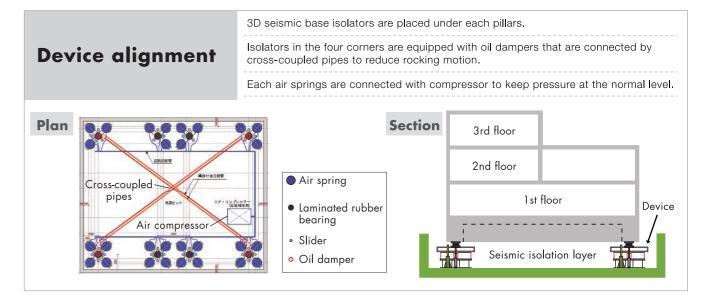


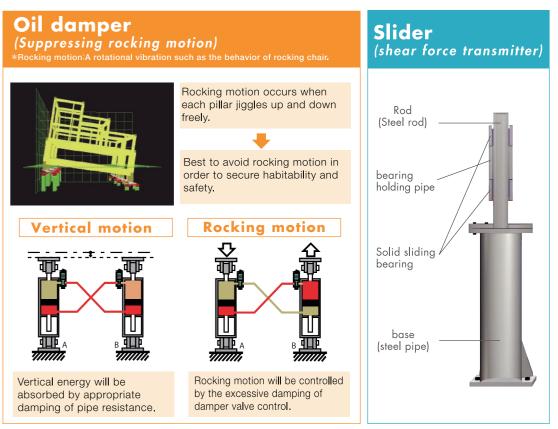
3D seismic base isolator

(Hyper air suspention)



HYPER AIR SUSPENTION was co-developed with Shimizu Corporation and Kayaba System Machinery Co.,Ltd. under the mentorship of Mr. Takafumi Fujita, a professor emeritus at the University of Tokyo.





Light

■ W/H

Ventilation

Monitoring systems of "CHISUIKAN"

Environment/Energy monitoring

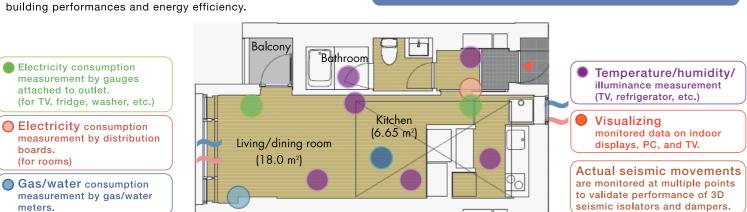
etc., are monitored and utilized to validate targeted

Temperature, humidity, illuminance and utilities usage,

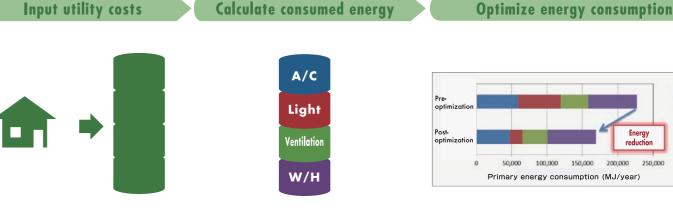


Section diagram of bellows rubber

- Evaluating building performances
- Capturing the lifestyle & energy consumption pattern
- **Optimizing overall energy consumption**



Optimized energy consumption ~for smarter energy usage~



Overall energy consumption

Categorized energy consumption





WISDOM

- A source of KKE's creativity

SUI



PROMINENT

 A craftman spirit that has been passed down from the establishment

KAN



RESIDENCE

 A residential building that assures safety and comfort.



知粋館

"Chisuikan"

"CHISUIKAN" is a building that is installed with the world's first 3D seismic isolation devices and other state-off-art technologies of KKE.

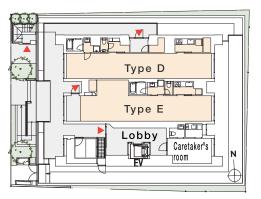


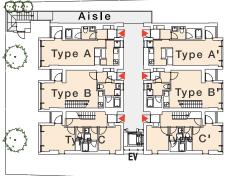


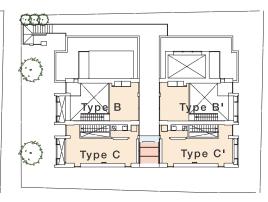












Description of Chisuikan

Location	: Asagaya-minami, Nakano-ku, Tokyo, Japan
Usage	: Appartment house
Site area	: 469.18 square meters
Building area	: 259.94 square meters
Floor space	: 548.78 square meters
Number of stories	: Three
Height	: 9.00 meters
Structure	: Reinforced concrete (Base isolation)

Design : Eiichi Sugiura Architect & Associates

Structural design: Kozo Keikaku Engineering Inc.

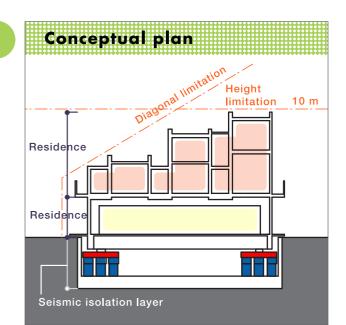
Shimizu Corporation

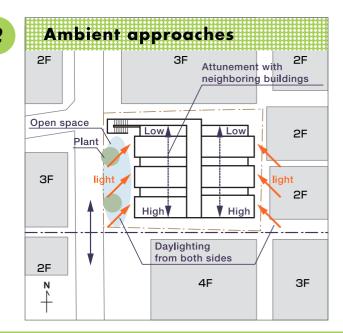
Facilities design : Akeno Fire Research Institute

Construction : Shimizu Corporation

Evaluation committee: The Building Center of Japan

(Structural evaluation • building certification • residence performance evaluation)



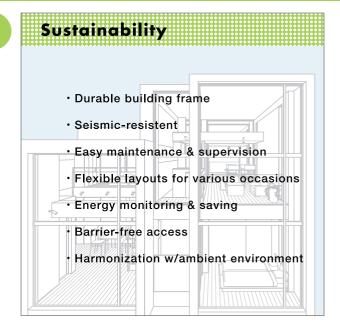


Concept of Chisuikan design

Barrier-free & User friendly

Barrier-free approach Aisle
Exterior Stairs

Residensial spaces



Habitability

Multiple residence types & room layouts

