

## 3-1. Garden Exterior - Products

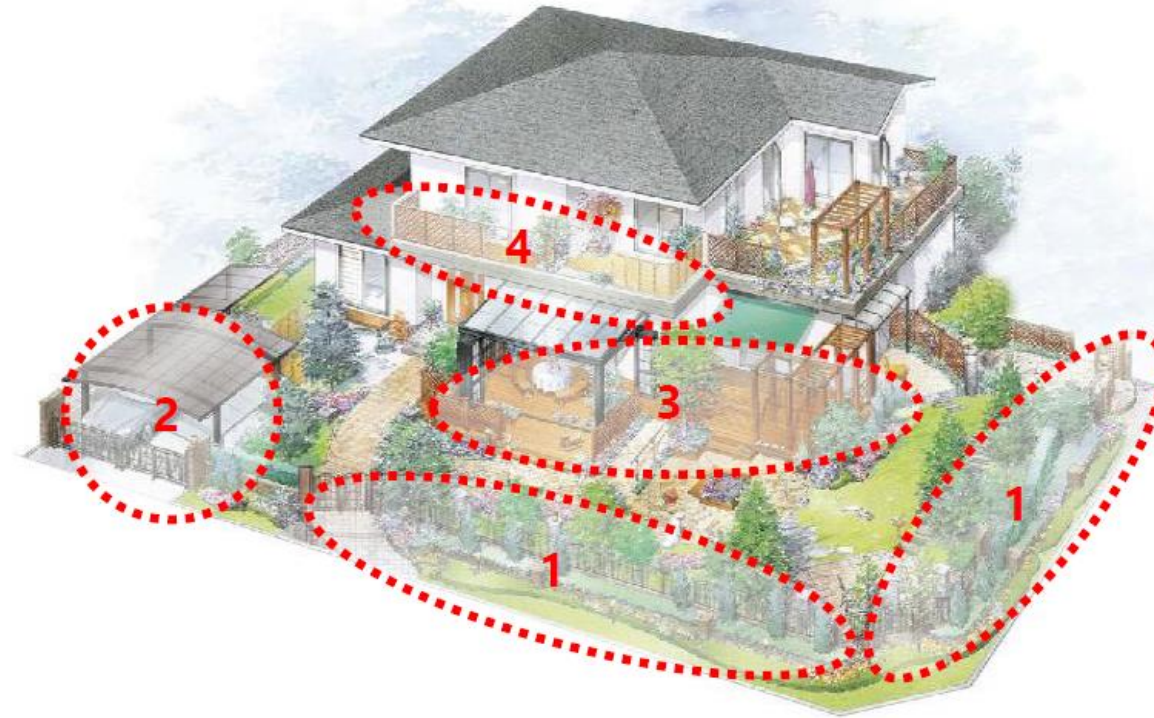
Total design approach – How to design/use a garden with our products

### 1) Gate

- Door gate
- Fence, screen
- Arch, gate
- Mailbox Unit
- Mailbox
- Door plate
- Lights
- Handrail

### 2) Garage

- Carport
- Garage
- Accordion garage gate
- Flip-up gate
- Sliding security gate
- Shutter
- Suspended gate
- Car stopper
- Roofed bike parking



### 3) Garden

- Wood deck
- Garden room
- Terrace, lean-to shed
- Awning

### 4) Balcony

- Balcony fence
- Balcony

### 5) Other

- Garden storage
- Garbage storage
- Designers Parts
- +G
- Exterior tiles
- Windbreak room

# 1. LIXIL Exterior products overview (\*Mainly made with aluminum)

- **Wall exterior:**

Decorative bars, terrace, handrail, sunroom, balcony, awning



- **Garden exterior:**

Fence, car port(garage), gate, garden room, wood deck, lights,





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## 1-1) Door Gate



High quality entrance with various designs

- **Point 1** - Design varies on ground conditions



Swing

Sliding

Accordion

- **Point 2** - Various design tastes



Modern

European

Japanese

## 1-2) Fence & Garden Screen



Designed fence panels

- **Point 1** - Various materials & design



Aluminum

Aluminum casting

Plastic

Synthetic wood

Steel

and many more.

- **Point 2** - Design coordination with gate



## 1-3) Mailbox Unit



Space-saving & efficient.



- **Point 1** - Multi-function

Integrated tool for light, mailbox, door plate and entry phone. Stylish all-in-one unit.



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## 1-4) Door Plate & Mailbox



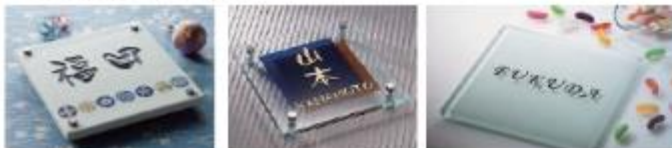
Express individuality.

- Point 1 - Selection for design & function



- Point 2 -

Original design



## 1-5) Light



Increase safety, security & ambience.

- Point 1 - Wide selection

Entry to garden



- Point 2 - Energy saving light

LED light & low-e light of 12v.  
Energy-saving means a lot as it is lit everyday.



## 1-6) Handrail



Design and function

- Point 1 - Design coordination

Various color & point design  
Design matching with other products



11 colors to choose: metal/wood type

Design cap Window decor

- Point 2 - Flexible attachment

Neatly fixed



implanted With base Wall base Anchored Bracket type



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## 2-1) Car Port



Secure your valuable cars

- Point 1 - Convenient

No worries of rain



- Point 2 -

Various use & land forms



One car



Wind resistant  
Max wind velocity 54m/sec.



Two cars



Snow resistance  
Max. snow fall 200cm

## 2-2) Garage



"Garage living" =  
"Space for hobby" + "Your domain"

- Point 1 - Full open & full close

Flexible for different usage



Full open



Full close

- Point 2 - Various size choices

Accommodate up to two cars



One motorbike



One car



Two cars

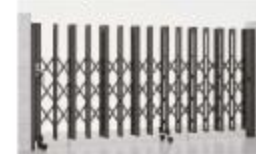
## 2-3) Accordion Garage Gate



Flexible garage gate adaptable to space-saving or different sizes.

- Point 1 -

Adaptable to different land forms



Wheeled



Non-wheeled



For corner lot



For inclined land

- Point 2 - Space-saving

Foldable gate



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## 2-4) Flip-up gate



Fashionable & functional flip-up design

- **Point 1** - Advanced flip-up method



- **Point 2** - Electric & manual

Choice of remote controlled-electric or manual. With safety device.



## 2-5) Sliding Security Gate



Solid panel type with a sense of dignity & sturdy look

- **Point 1** - Large opening with one-panel  
Large opening: max 6m (3meters each)



- **Point 2** - Electric & manual

Choice of remote controlled-electric or manual. With safety device.



## 2-6) Shutter



Increased security

- **Point 1** - Wide variety  
Pipes, hide with board



- **Point 2** - Various surface finishing  
Matches various house design





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## 2-7) Garage gate - suspended



Stately designed garage gate

### - Point 1 - Opening & Closing

Dignified folding gate



### - Point 2 - Electric & manual

Choice of remote controlled-electric or manual. With safety device.



## 2-8) Car Stopper



Prevent unexpected accident

### - Point 1 - Various choices



Poll

Bar

Stopper

### - Point 2 - Easy to install

Simple design to be installed anywhere.



## 2-9) Roofed Bike Parking



Cover your bikes from rain, snow or UV rays.

### - Point 1 -

Stylish & meticulous design



Stylish



Round frame



Simple joints

### - Point 2 -

Various options



Side panel



Side bar for locking front wheel



Cycle rack

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## 3-1) Wood Deck



Feel the nature in an open space.

- **Point 1** - Eco-friendly material

Wood flour + plastic = Artificial wood  
<Ratio> wood four: plastic=50:50  
Using 100 % recycled wood flour & plastic

- **Point 2** - Better performance than natural wood

\* **Highly durable**

- Rot resistant & termite resistant
- Tolerant of temperature & humidity change
  - Less cracking & warping
- Long-lasting color, less fading than natural wood

→ Long lasting due to the high performance

\* **Non-skid surface**

Grippier than natural wood due to the specially-processed surface.



## 3-2) Garden Room



Relaxing open air space adjacent to living room,

- **Point 1** - Fully openable

Flexible to weather conditions, season & use.



- **Point 2** - Flexible use



Basic type

Pony wall type

Deck type

## 3-3) Lean-to & Lean-to shed



Add a lean-to and be free from worries of rain or snow

- **Point 1** - Can be installed anywhere

Adjustable to irregular building shape or land form.



On the corner



Different size



Second floor veranda

- **Point 2** - Can be fully closed

Keep from rain or wind.





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## 3-4) Awning



Easy to fold  
Effective control of light & wind

- Point 1 - Simple smart design

Foldable and use only when needed



- Point 2 -

Installable to  
ground & second floor  
or to small window



## 4-1) Fence



Fashionable & strong, adding a taste to  
the architectural style

- Point 1 - Many choices

Various designs matching to house style.



Panel style



Slit style



Natural style

- Point 2 - Light & wind

Grid or design panel  
adds extra light &  
ventilation



## 4-2) Balcony



Can be installed as needed, all at once or  
broken into phases

- Point 1 -

Create extra space as veranda.



- Point 2 - Various choices

Can be coordinated with house exterior



Frameless



Horizontal



Vertical

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## 5-1) Garden Storage



Fashionable and functional  
Space-efficient

- **Point 1** - There types to choose  
Depending on volume, use & location



Stand alone



Hooked to wall



Partition shelf

- **Point 2** - Color coordination

Color coordinated with other exterior products  
Color matching with garage

## 5-2) Garbage Storage



Make neat & clean garbage storage

- **Point 1** - Increase cleanliness  
Store & collect garbage  
Prevent damages by birds



- **Point 2** - Various size

Chose according to location & volume



## 5-3) Designer's Parts



Make distinctive your design with these  
designer's parts

- **Point 1** - Various material

Design with various boards, planks and  
slab



- **Point 2** -

Aluminum, synthetic wood, LED lights,  
polycarbonate, etc.





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## 5-4) +G



Floor plan with LDK+G (Garden)

### - Point 1 – Create your own plan

Design your style with our selection of frame, screen, gate, roof, etc, depending on land size and use



## 5-5) Tile



Floor forms great part of the impression of the entrance approach.

### - Point 1 – Various design choices

Create sophisticated garden and approach with various tastes, e.g.: modern, European, etc.



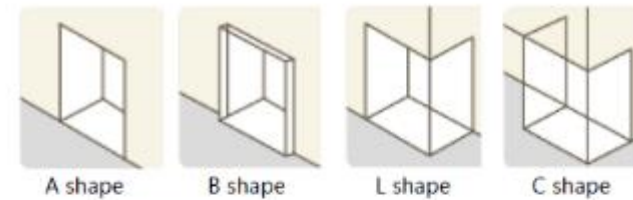
## 5-6) Windbreak Room



Entrance area becomes much usable if wind/snow is blocked.

### - Point 1 – Room shapes & Door types

Various room shapes & door types according to porch style



Sliding door type



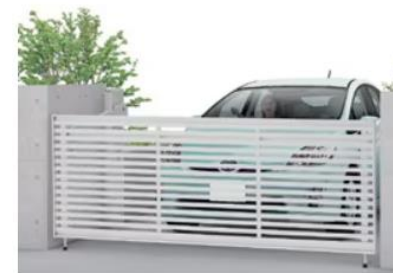
Door type

# 1. LIXIL Exterior products: Car parking related products

## Embedded car stop pole



## Automatic flip-up car gate





# 1. LIXIL Exterior products: Smart delivery box



Speaker, microphone, LED light, camera



Control with your smart phone

