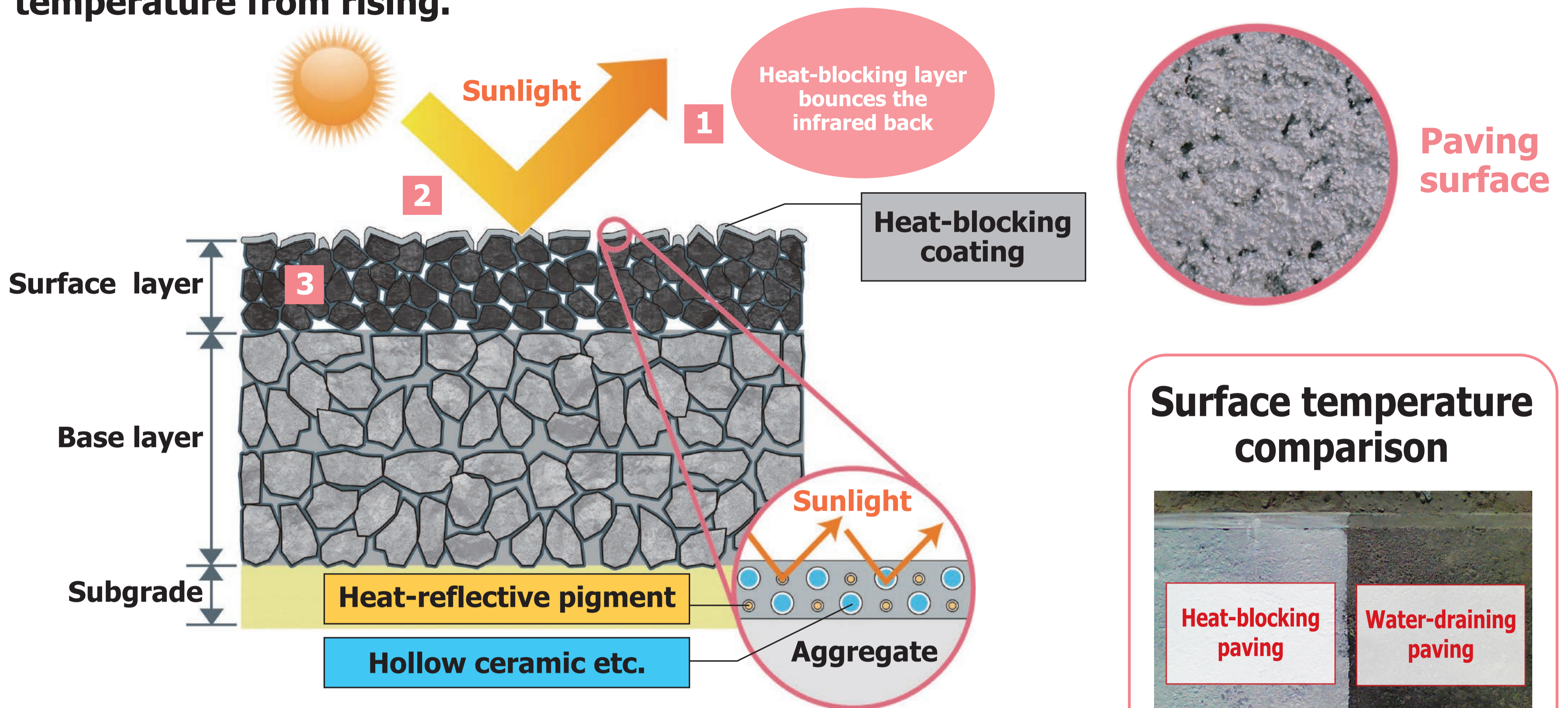


# Heat-blocking paving

(a cutting-edge technology from Japan)

مقدمة في تعبيد الطرق مع العزل الحراري  
(التكنولوجيا اليابانية المتقدمة)

Heat-blocking paving is a paving technology where the heat-blocking coating applied to the top of the paving bounces back sunlight without absorbing it. This helps reduce the amount of heat retained inside the paving and also keeps the road surface temperature from rising.



## ■ Features of heat-blocking paving

### 1. Keeps road surface temperature from rising

The surface of a heat-blocking paved road is cooler than that of an ordinary paved road

### 2. Greater durability

As the heat-blocking coating protects the paving surface, aggregate is less likely to scatter. This improves paving durability

### 3. Other additional functions

As the heat-blocking coating is applied to the water-draining paving, noise reduction and water draining effects are exerted.

## ■ Being implemented in pilot projects

Oriental Consultants and Oriental Consultants Global conducts pilot projects throughout the world with various Japan-original road technologies such as heat-blocking paving and manhole (drain cover) repair techniques.



Road surface temperature measurement survey



Applying a heat-blocking coating (in Japan)