

Case of construction : Airport

before

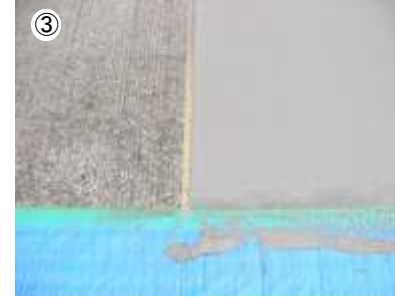


Under
construction

Preliminary work



after Spray-work



test



after



The surface of the pavement is rough.
It is the failure cause of aircraft
engine steel fibers are scattered.
Thin layer. High-strength and ultra-
fast curing. EAGLE8 were used.
Thickness of 1.5mm, 2.0mm, 3.0mm



before



Under
construction

Preliminary work



after pouring

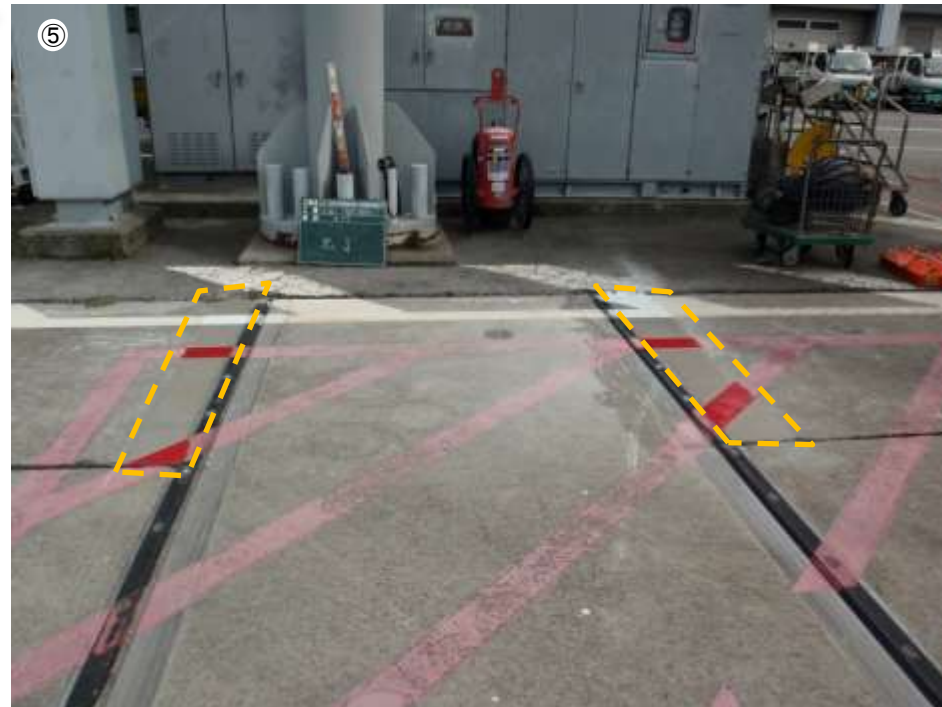


test



after

Use area



Non-combustibility.
Oil resistance .
Ultra-fast curing.
High mechanical strength .
EAGLE8 were used.

before



Under
construction

Preliminary work



Construction companies : TAISEI LOTECH co. Ltd.

pouring



test



after



Cracks occurred in the gutter next to the taxiway.
Non-combustibility.
Oil resistance .
Ultra-fast curing.
High mechanical strength .
EAGLE8 were used.



before



Under
construction

Preliminary work



after pouring



test



after



Joint of the vehicle passage is broken.
Non-combustibility.
Oil resistance .
Ultra-fast curing.
High mechanical strength .
EAGLE8 were used.



Case of construction : Road

before



Joint at Root 1.
For exchanging seamless joint to
remove the steel member.



The repair the rebar, and pouring
EAGLE8.

Under
construction

pouring



Finished
surface.



after



Restored to temporary, full asphalt pavement at a later date.

before



Hole repair test in the rain.



Watering car sow a lot of water.
About 20mm / h

Under
construction



after



Vehicle running test.

- 30min after pouring.
- 21ton watering car.
- 5-cycle of Slow, Straight, Meandering, Sudden braking. It gives black-mark on the EAGLE8.
- No cracks , No peeling

before



Under construction

Preliminary work



after pouring



test



Many times repair by asphalt materials.
It was broken in the few weeks.

after



3-month after.
No cracks , No peeling



before



Under construction

Preliminary work



pouring



Finish-work



after



Cracking of countless occurs asphalt of the vehicle passage by aging and the passage of large vehicles.
Constructed EAGLE8 as a protective layer on the surface.



before



Under
construction



pouring



after



Surface of the RC slab is damaged.
Adopt reason, compressive strength at the
age of 1 day is very high EAGLE8.



before

Under construction

rubbed

curing

Surface-work



Road-bridge bottom foundation.
Rebar is exposed by aging.

after



Rustproofing rebar.



before

Asphalt paving Sort beating.
Thin layer EAGLE8 repaired with the floor slab.



RC slab was chiseled.



Under construction

Set formwork



mixing



Inspection, first block.

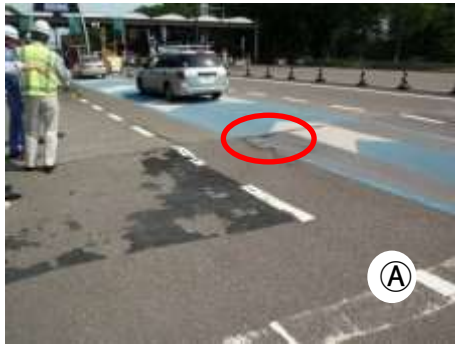


Overall inspection.



after





Connecting portion of the asphalt pavement and concrete pavement of the toll booth before.
There is a deficit and rutting of asphalt.
It is a step.



Construction companies :
WATANABE CONSTRUCTION co., Ltd

The end portions of the repair material was lost.
It is a step.

before

Under
construction

after

In service starts in less than one hour.



Culvert



Exchange of grating.
We have to to shorten the closed to traffic at community road.
Taking advantage of the characteristics of the ultra-fast curing, it was able to complete the work in half a day.

Step of the boundary



Vehicle drive over frequently to passing time.
Other materials was broken in half year.
Taking advantage of the characteristics of the ultra-fast curing, to complete the work in a few hours.
Brush finish.

Construction companies :
TSUGA ONSTRUCTION co., ltd.

Case of construction : Railway

before

Under
construction

after



The backyard of a subway station yard;
A steel rod corrodes by aged deterioration.
Exfoliation of concrete occurs.
EAGLE8 have Ultra-fast curing and high strength. So, required strength is reached between the last train and the first train.

before



Under construction

pouring



after



The backyard of a station yard;
A steel rod corrodes by aged deterioration.
Exfoliation of concrete occurs.
EAGLE8 have Ultra-fast curing and high strength. So, required strength is reached between the last train and the first train.

Case of construction : Architecture

before



The entrance of a food cold storage warehouse .
A red portion is always a -35°C low-temperature zone.
The crack has occurred in the floor of a boundary part
with a normal temperature zone (green portion).

**EAGLE8 can be constructed while using a freezer.
Since hardening is early, construction will be completed
in 1 day.**

-Since it can construct under low temperature, EAGLE8 is the quality of the material suitable for severe temperature environment. -Since EAGLE8 is odorless, it is very suitable for repair and reinforcement of the freezer of food.

Under
construction



after



Construction companies : CRT-WORLD co., ltd.

It is possible to use in a subfreezing environment.

before



Front chamber of the cold storage warehouse of -60 °C. -25 °C low temperature zone.

The surface layer is damaged by the running of the wire mesh tire.

EAGLE8 can be constructed while using a freezer.
Since hardening is early, construction will be completed in 1 day.

Under construction

center



end



Temperature conditions of 40 minutes after pouring.
 Used a seat heater, to ensure the temperature conditions required for curing reaction.
 Depth filling the central 20mm.

after



Construction companies : KUWAZAWA co., Ltd.

before



Under construction



Construction companies : SK-TRUST co., Ltd.



Cold storage warehouse of -60 °C. Front chamber low temperature zone of -25 °C.
Peeling of the surface layer has occurred partially also the floor in front chamber.
Step and crack are in the doorway proceeds.
Past repair use Resin mortar are transition to rubbery and yellow.

after



EAGLE8 has curing with fever. therefore it have the moisture in the material but not freeze.
In addition, It adhere strongly to concrete without primer.
resin-based material adhesion at low temperatures does not occur. (Please contact us. Before planning.)

before



Warehouse for parade-floats.
Floats are storage at all times,
working time can not be secured only parade in
progress.
EAGLE8 Adopted from high strength and ultra-fast
curing.

At times like these, if EAGLE8,
Construction of while using the
warehouse is possible!

Since hardening is early, construction
will be completed in 1 day.

Under
construction



after



Construction companies : CRT-WORLD co., Ltd.



Under
construction



Tenant construction of new office buildings.
Owner's adopted Polished to a mirror on the floor.
EAGLE8 has strength in a thin layer, mirror finish is possible goes up polish for a dense structure.

Construction companies : CRT-WORLD co., ltd.



after



Construction companies : CRT-WORLD co., ltd.

Under
construction



In a short period of time of up to preparation of cooking the next day from after closing of sushi-restaurant. complete the finish-works from the underlying processing.

EAGLE8 is inorganic material. It's no smell.

after



Administrators hope that it need not stop the passage of residents.

Therefore, we realize fast construction using EAGLE8!

before



concrete-footplate was deterioration.

Message from the administrator

It was nice to be able to repair it without requiring a detour towards the residents. I was surprised that it is not also affected by the rain that falls immediately after.

after



Not cure shrinkage. No crack.

Comments from Eagle Vision

The repair of the apartment and condominiums, when dwellers are living.

By cure in a short time, EAGLE8 will exert its power.

The work of the while ensuring the passage in one step every stairs.

Completed
in 2 hours .

Construction companies : RYOWA Engineering co.. Ltd.

before



The liquid feed mixing silo wall coated by EAGLE8 protect from strong acidity.
And achieve high service life of the equipment.

after



Under
construction



EAGLE8 is fast curing. Work completed in one day. Introduction of feed is available from the next day of work.

In addition, adhesion is strong. Sticking to without difficulty to existing concrete wall.

The Superior protection with a coating having by a thickness about few mm.

In addition, you can use it with confidence without having to worry about the health damage to the pig because it is neutral, harmless.

Under
construction



200-ton self-propelled crane rail of heavy industry manufacturer.



Many cracks



Setting the rebar



Mixing



Pouring

after

Construction companies :
BBM-SPORTS COMMITION co., ltd.



Setting the rail

before

Fine cracks in the waterproofing-layer surface.



Fine cracks in the waterproofing-layer surface.



after

Does not occur Joint failure like a concrete.
Pouring without installing the joint sealant.



Indication of top coat is also attached.



Construction companies : FUJI-SANGYO co., ltd.

Under construction

Surface treatment :

To remove the Concrete surface water-proof coating layer. Primer is unnecessary.



Thin layer by 3mm.



Before

Cracks in the joint end.



Working

Joint material omission and RC end missing occurs.



Construction companies : Takenaka Corporation
CHERUBIM Co.,Ltd

Surface treatment.
Remove and clean the trouble part.



Masking around the pouring area with tape.



Make the induction joint by resin plate.



After

30 minutes after pouring it opening.



Cracks



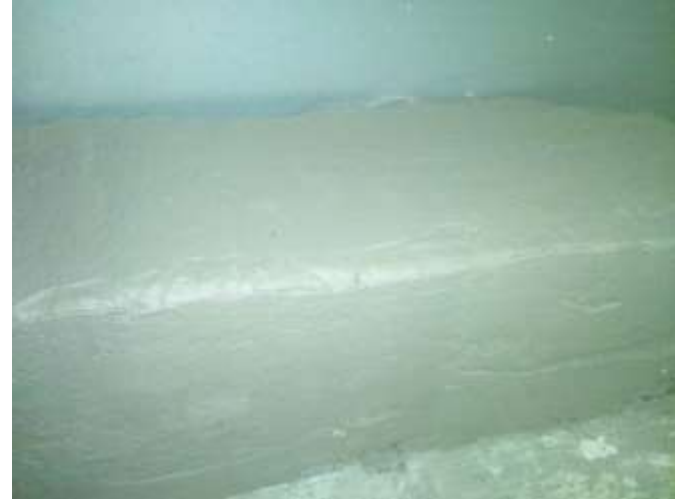
Concrete structure is floating from the floor.



Pouring to cracks.



Pouring to overall.





EAGLE8

Poured into a mold.
Finish is water-based paint.



Construction companies : DAIKYO HOME co., Ltd.



Detached houses and exhibit space.

It has the function of waterproof, anti-slip with a thin layer by 8mm.
It gives the impression to softer than concrete.



Peeling and cracking caused by aging. Taking advantage of adhesion to concrete of EAGLE8, was carried out the filling of cracks section and the full adhesion of the release surface-parts.



Primer unnecessary. Inorganic material, not smell. Construction time is one hour. At the park for children, repair with "safely" and "few hour" .

Before



Corrosion of the root portion of the steel street light. Taking advantage of adhesion to the steel, EAGLE8 filling and external neck wrapping repairs .

Working



Prepare.



Filling inside.



Neck wrapping.



Filling root portion.

After

Reinforced by the filling inside and the wrapping outside. Without a large-scale Replacement construction, enabling the extended life.



Primer treatment unnecessary. Construction time is about 2 hours / locations. It inorganic, smells less. Also in the park where children play, you can repair "in one day" and the "safely".

Case of construction : Water service and Fisheries facility

Under
construction



after



before



Fish passage

Under construction



pouring



The leveling to 2mm-thick spread with a rubber rake.



Rubber rake



Roughening of the surface and cracks occur in the concrete after curing.

Construction companies :
WATANABE CONSTRUCTION co., ltd.



after



施工協力：(株)マツイ 様



Before



After



In the aquarium, it was repaired the pool on the same day, for the polar bear that can not be replaced.



The rearing fry in the pond of Eagle8 made.



Growth without any problems.



Pond was harmless neutral. Snail is attached in next day.

Before



After





Algae that does not take root in the concrete also flourish immediately in neutral EAGLE8.

To help bank protection work that maintained landscape. Not only reef.

Surface protection concrete were flaking. Some rocks and filling material dropout had occurred.
 Repair place is near the estuary. Tide level varies greatly, it is under water at the time of high tide.
 In the conventional concrete construction method needs installing a steel sheet pile and pull out the water.
 That is necessary to heavy machinery and days. Also it will be necessary curing period of concrete, more days .
 It is difficult to respond to such a small emergency repair.
 EAGLE8 is cured immediately, pouring directly into the sea water. EAGLE8 is pourable Continuously, using a dedicated mixing machine.

Before



**EAGLE8, pouring directly possible into the sea.
 Nevertheless ultra-fast curing.
 It will be construction completed without the use
 of heavy machinery .**

Working



After



Case of construction : Other Country

Houses in Venezuela

2-3rd days



5th day



4th day



6th day



1st day



7th day



Houses in Panama



Honduras



Hawaii



Florida



Colorable,
Fire resistance, waterproof,
Can be used as external
wall paint excellent.





Bench



Fire place





Case of the experimental



sample ground 147 $\mu\text{Sv/h}$

The interception test in
5cm in thickness.



147 $\mu\text{Sv/h}$ \rightarrow 7.5 $\mu\text{Sv/h}$ **94.9% CUT**

The interception test in
10cm in thickness.



147 $\mu\text{Sv/h}$ \rightarrow 2.0 $\mu\text{Sv/h}$ **98.6% CUT**

The interception test in
20cm in thickness.



147 $\mu\text{Sv/h}$ \rightarrow 0.9 $\mu\text{Sv/h}$ **99.4% CUT**