

# We protect social infrastructure with aqueous material

We, the Isol Technica Coporation, have been developing building materials specializing in aqueous material. We would like to construct as eco-friendly and sustainable as possible for the environment.

Our goal is that understanding water structure and characteristic much better will help our future development and meet customers' requests. And we believe that will help people learn and understand eventually different water has different characteristic and features



## Product introduction



Waterproofing of bridge concrete slab

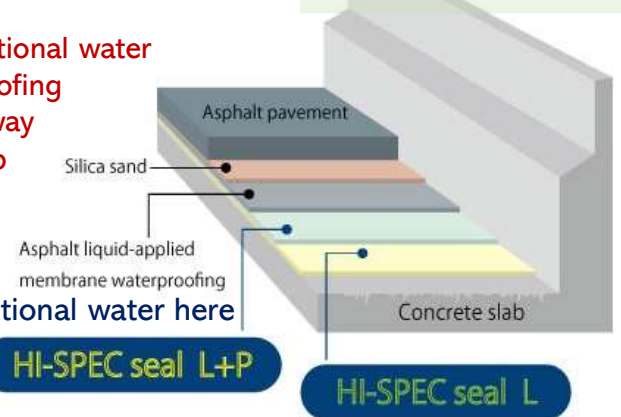
Mixing functional water and charcoal to improve workability!

Use the functional water for waterproofing on the highway concrete slab

Add the functional water here

HI-SPEC seal L+P

### High spec seal construction method



### Functional water aquagram



### About the functional water

#### \* purpose of the experiment

To learn different characteristic and features of the functional water and Milli Q water (as control)

#### \* Methods and materials

- XDS – Rapid Liquid Analyzer [FOSS.Co.,Ltd]
- ◆ measurement range : 400 – 2499.5 nm
- ◆ wavelength ep : 0.5 nm
- ◆ measurement mode : transmittance
- ◆ cuvette cell : quartz
- ◆ path length : 1 mm



### ISOL EX Construction method



Concrete surface coating method

### BM seat Construction method



Prevents peeling-off of concrete

### S-1 Construction method



Waterproofing of bridge concrete slab

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