

About the water used for the concrete by the technology of “Infinite magnetic field”,

It is the test data by characteristic change of circulating water with “Trans-master” appliance by technology of “Infinite magnetic field”.

1. トランスマスター循環水の経時変化について

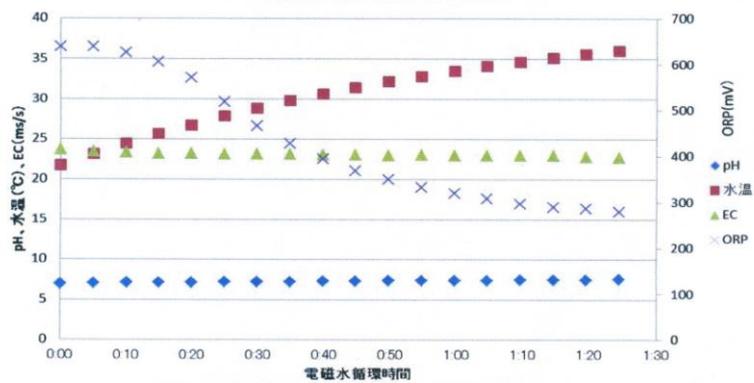
1. 試験条件

ポンプ能力 10L/min、槽内水量 3L (トランスマスターに1分間で3.3 (10÷3) 回接触)

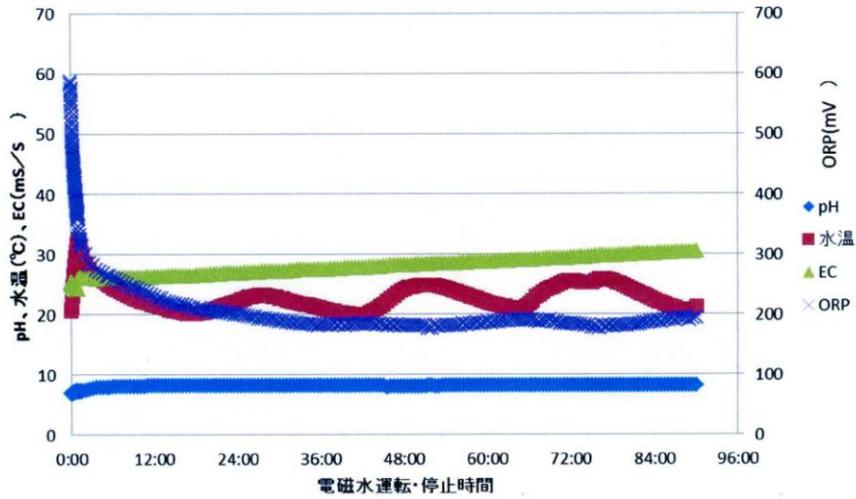
2. 結果

測定日時	経過時間	水温 ℃	pH	水温 ℃	EC mS/m	水温 ℃	ORP mV
2012/5/9 14:01	0:00	21.7	6.94	21.5	23.7	21.7	639
2012/5/9 14:06	0:05	23.1	7.06	23	23.4	23.1	639
2012/5/9 14:11	0:10	24.4	7.1	24.2	23.3	24.4	626
2012/5/9 14:16	0:15	25.6	7.12	25.5	23.2	25.6	606
2012/5/9 14:21	0:20	26.7	7.14	26.6	23.2	26.8	571
2012/5/9 14:26	0:25	27.8	7.2	27.7	23.1	27.9	518
2012/5/9 14:31	0:30	28.8	7.24	28.7	23.1	28.9	466
2012/5/9 14:36	0:35	29.8	7.21	29.7	23.1	29.8	427
2012/5/9 14:41	0:40	30.6	7.29	30.5	23	30.7	394
2012/5/9 14:46	0:45	31.4	7.34	31.3	23	31.5	368
2012/5/9 14:51	0:50	32.2	7.4	32.1	22.9	32.2	350
2012/5/9 14:56	0:55	32.8	7.42	32.7	23	32.9	332
2012/5/9 15:01	1:00	33.5	7.42	33.4	22.9	33.5	319
2012/5/9 15:06	1:05	34.1	7.38	34	22.9	34.1	308
2012/5/9 15:11	1:10	34.6	7.43	34.5	22.9	34.6	297
2012/5/9 15:16	1:15	35.1	7.46	35	22.9	35.1	290
2012/5/9 15:21	1:20	35.6	7.48	35.5	22.8	35.6	287
2012/5/9 15:26	1:25	36	7.52	35.9	22.7	36	280

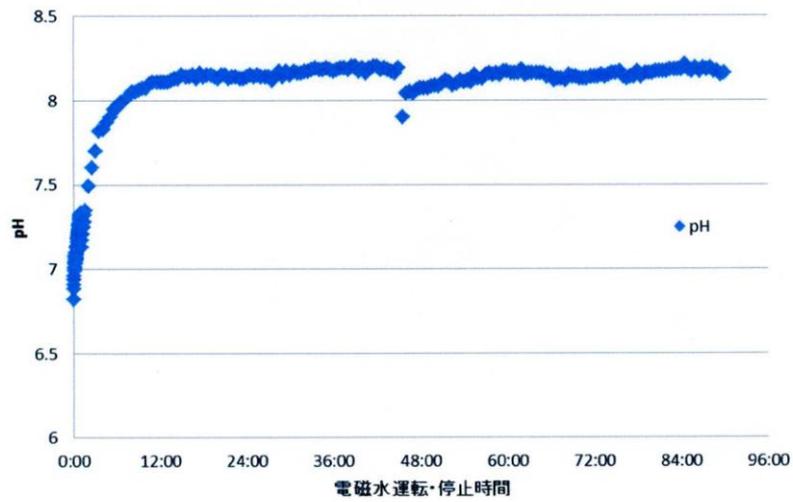
電磁水運転時間による変化



電磁水製造後(120秒運転後)の経時変化



電磁水製造後(120秒運転後)のpH経時変化



1. Intensity of reinforce concrete is increased.

(a) Conventionally a cement particle cannot invade the microscopic air gaps of pebbles and iron bars, but the cement particle can invade the microscopic air gaps with water by technology of “Infinite magnetic field”, and as a result the

air (oxygen) can be emitted from the microscopic air gaps.

- (b) Therefore, the intensity of reinforced concrete is increased greatly because a cement and touch area with pebbles and iron bars increase greatly.
2. In addition, the oxidation of iron bars is prevented, and as a result a life span of reinforced concrete can be increased.
 3. The solidification reaction of the concrete is greatly promoted, and solidification time for the concrete can be shortened greatly.
 - (a) Time to need for taking conversion products for the concrete out from a mold is shortened, and working efficiency for production of conversion products is raised.
 4. Intensity of the concrete is increased and as a result the properties for the work can be improved and therefore, a water reducing agent to use in conversion products of the concrete can be decreased greatly or can stop using completely.

About the changes of various properties of the concrete with water of technology of “Infinite magnetic field”,

- (a) Basic intensity of the concrete itself is raised and the strength of the concrete that is stuck together with an iron bar such as reinforced concrete is increased greatly.
 - (b) Therefore, quake resistance of the concrete of facility and building and a life span are more likely to be improved greatly.
 - (c) The prevention of environmental pollution by “Drug to decrease water” and “AE drug to decrease water” mixed to conversion products of the concrete.
- A. Basic intensity of the concrete for facilities or building is improved
- (a) It can be the motive power of new industrial creation that the technology of “Infinite magnetic field” produces useful phenomenon that is not thought

from conventional science and technology about not only fuel oil but also other gases and liquids widely.

- (b) Intensity of the concrete can be increased by using the water that an atom changes to high energy by the technology of "Infinite magnetic field".

B. The reason why mixing the chemical materials to conventional concrete

- (a) It is important that liquid concrete is given minimum fluidity beforehand not to produce a defective part about conversion products of the concrete that use the molds for the concrete.
- (b) A "Slump value" is used as an index to confirm the fluidity mentioned above.
- (c) Generally, "Slump value" of the concrete for buildings is 7.5cm~8 cm and the concrete for civil engineering "Slump value" is 5cm~6cm
- (d) For the increase of intensity of the concrete, it is the most important technology that is not added except the water being used for solidification of liquid concrete as much as possible.
- (e) In this case, because water to give fluidity in liquid concrete is too little, fluidity of liquid concrete becomes lower and as a result, cannot produce conversion products of the concrete without a defective part.
- (f) When "Drug to decrease water" and "AE drug to decrease water" are used as chemical mixtures in liquid concrete, "Working ability" of liquid concrete by minimum quantities of water can be improved, and as a result is able to cast liquid concrete into mould.

C. "Working ability" of liquid concrete with water by the technology of "Infinite magnetic field",

- (a) In liquid concrete by the technology of "Infinite magnetic field", big kinetic energy by magnetism of molecule of water increases and viscosity decreases

dramatically.

- (b) By big decline of viscosity water and cement particles invade to every small gaps in surfaces of rough aggregates and small pebbles and adhere to every small gaps.
- (c) The water and the cement particles that invaded to every small gaps of surface of rough aggregates and small pebbles are restricted in the inside of every small gaps.
- (d) Therefore, because water is restricted by rough aggregates and small pebbles floating water decreases and as a result "Working ability" of liquid concrete decreases greatly and "Floating water" decreases too.
- (e) If liquid concrete is solidified in condition by the decrease of "Working ability" a defective parts occur inevitably in reinforced concrete and conversion products of the concrete.
- (f) However, because cement particles with water invade to every small gaps of surfaces of rough aggregates and small pebbles the surface area coming in contact with rough aggregates and small pebbles increases, and as a result the intensity in the concrete that was solidified increases necessarily.

D. The variation of "Working ability" of the concrete by repetitive passage number of times to "Trans-master" appliance

- (a) By the use of "Trans-master" appliance "Working ability" in the concrete can be assured with the least water and is able to make conversion products of the concrete without defective parts, though the chemical materials such as "Drug to decrease water" and "AE drug to decrease water" are not used in conversion products of the concrete and reinforced concrete,
- (b) Without change of weight rate consisting of water and cement and pebble, big kinetic-energy by magnetism of molecule is given to the water passing through "Trans-master" appliance repeatedly by numerical value being set beforehand.

- (c) As a result conversion products of the concrete and reinforced concrete without defective parts can be produced.
 - (d) Condition of viscosity of liquid concrete changes suddenly greatly by water with the repetition passage number of times attained to plan number of times to "Trans-master" appliance.
 - (e) I call this plan number times "Change-over point in viscosity" tentatively.
 - (f) Especially in this case, "Change-over point in viscosity" is 40 times.
- (1) When the repetition passage number of times to "Trans-master" appliance are less than "Change-over point in viscosity".
- (a) "Floating water" in liquid concrete decreases according to the increasing of the repetition passage number of times the degrees of viscosity become higher gradually
 - (b) Therefore, "working ability" in liquid concrete gradually is worsen and cannot produce conversion products of the concrete without defective parts at all..
- (2) When the repetition passage number of times to "Trans-master" appliance are more than "Change-over point in viscosity".
- (a) "Floating water" in liquid concrete increases to the contrary according to the increasing of the repetition passage number of times being more than "Change-over point in viscosity".
 - (b) Therefore, "Work ability" in liquid concrete gradually is improved and can produce conversion products of the concrete without defective parts on the contrary.
- E. About the water that the repetition passage number of times to "Trans-master" appliance are more than "Change-over point in viscosity",
- (a) Bigger kinetic-energy by magnetism of molecule more than big kinetic-energy

by magnetism of molecule in "Change-over point in viscosity" is supplied to water by "Trans-master".

- (b) Only the water that invaded with cement particles to every small gaps in surfaces of rough aggregates and small pebbles, oozes to outside surface of rough aggregates and small pebbles by bigger kinetic-energy by magnetism of molecule.
- (c) The cement particles that just remained in every small gaps in surfaces of rough aggregates and small pebbles solidify as the passage of time as it is.
- (d) Therefore, because surface areas in contact with rough aggregates and small pebbles increase greatly, as a result intensity of the concrete becomes to more stronger.
- (e) As mentioned above, characteristic variation of liquid concrete by the repetition passage number of times with water by "Trans-master" appliance can be used in order to securing "Working ability" of liquid concrete.

F. The expansion of environmental pollution by chemical admixture for the concrete such as "Drug to decrease water" and "AE drug to decrease water" for liquid concrete.

- (a) If "Drug to decrease water" and "AE drug to decrease water" are used together, because casting into the mold is possible without the increasing water and without the decreasing "Working ability" of liquid concrete, intensity of the concrete is not decreased.
- (b) However, because "Drug to decrease water" and "AE drug to decrease water" are environmental pollutant materials the expansion of environmental pollution is fearing by these drugs that are mixed to liquid concrete and are used widely today.

G. Prevention of environmental pollution by the concrete without chemical materials

- (a) The method of "Trans-master" appliance by the technology of "Infinite magnetic field" is the method with the using a physical phenomenon about the

water that big kinetic-energy by magnetism of molecule was given.

- (b) Effect by “Trans-master” appliance mentioned above for approximately 40~50 hours is kept without the decline and decreases and after decreases rapidly.
- (c) Therefore, because after passage of regular period the water by “Trans-master” appliance changes into original water completely, every influences of water to environment extinguish entirely.

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