

FIG.1

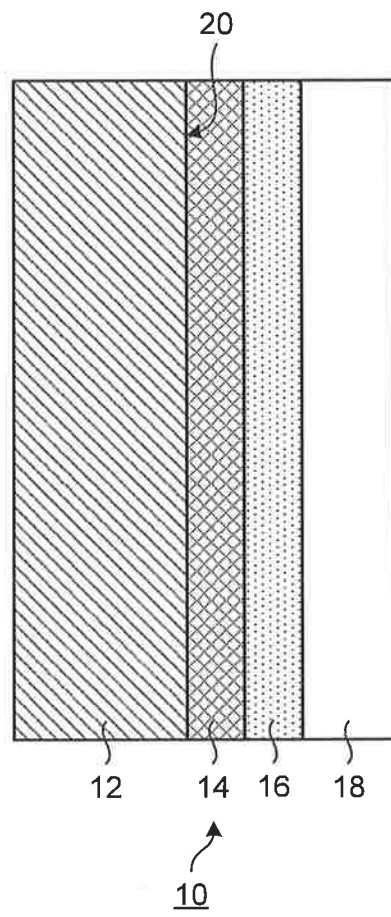


FIG.2

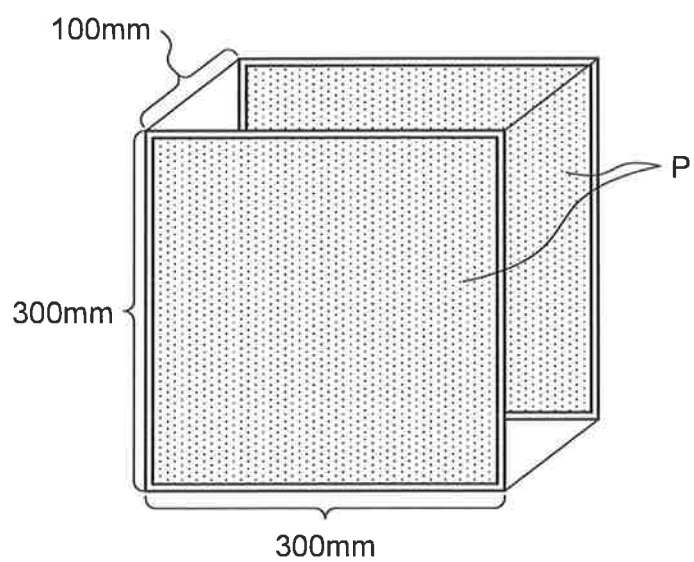
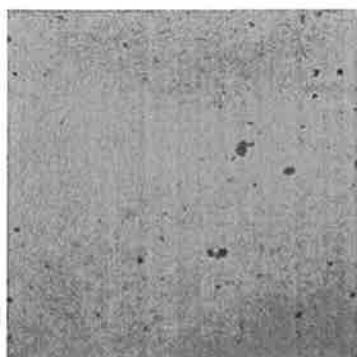


FIG.3

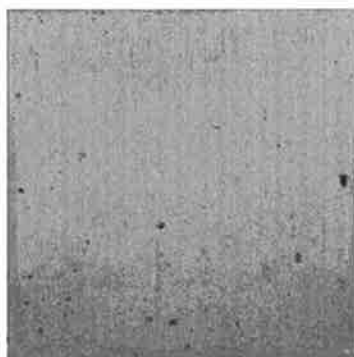
EXPERIMENT NUMBER 1

(1)



IMPORTED PRODUCT A

(2)

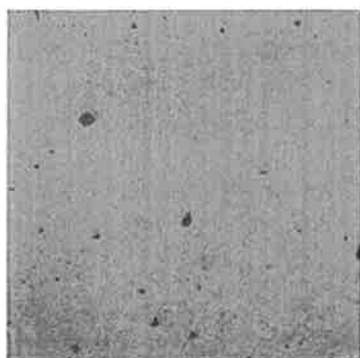


IMPORTED PRODUCT B

(3)



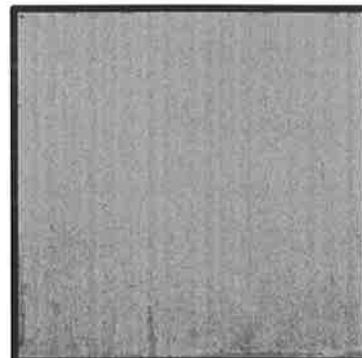
IMPORTED PRODUCT C



DOMESTIC PRODUCT A



DOMESTIC PRODUCT B



IMPORTED PRODUCT B
+ FILLED PARTICLE
CONTAINING LAYER
+ POROUS LAYER

(4)

(5)

(6)

FIG.4

EXPERIMENT NUMBER 2

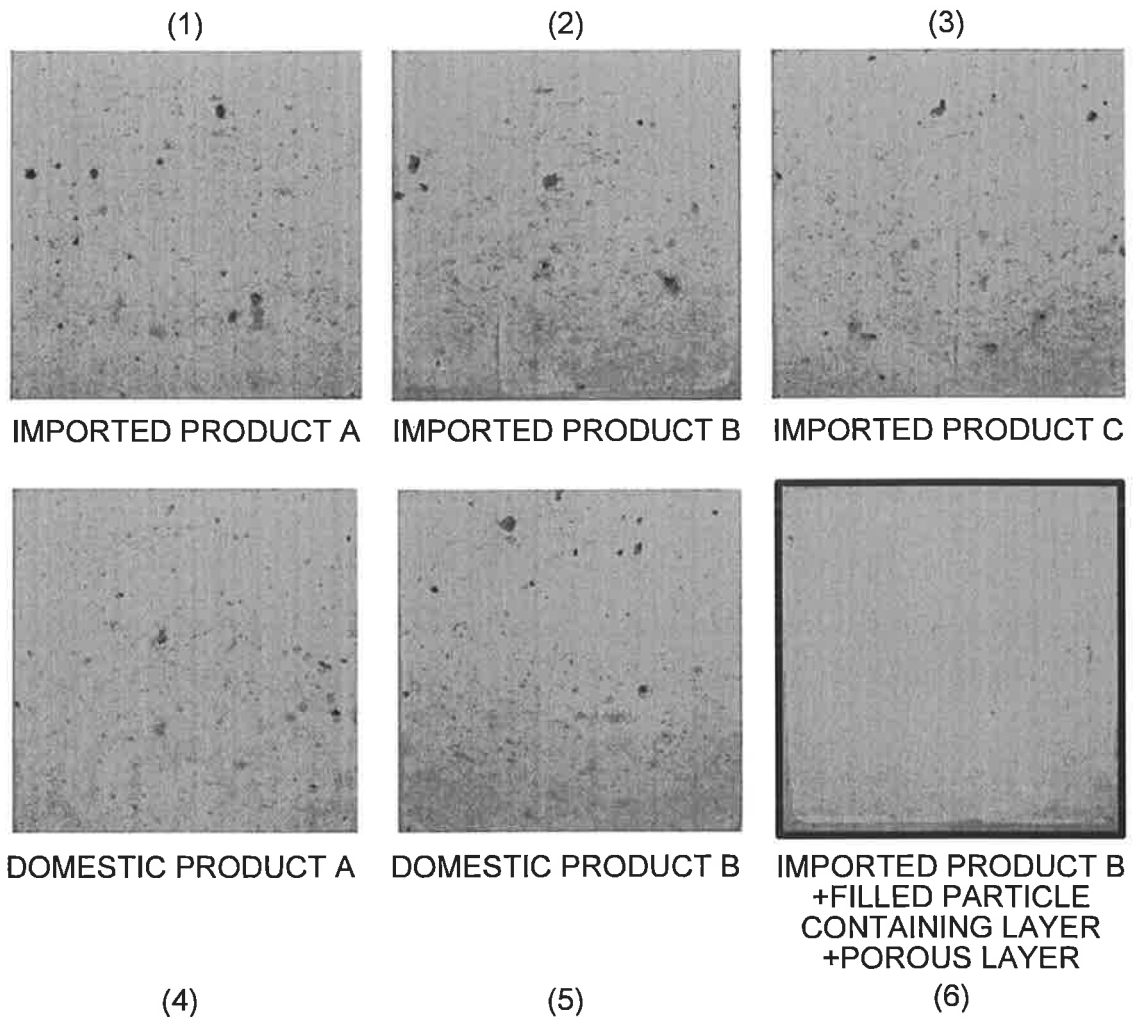


FIG.5

EXPERIMENT NUMBER 3

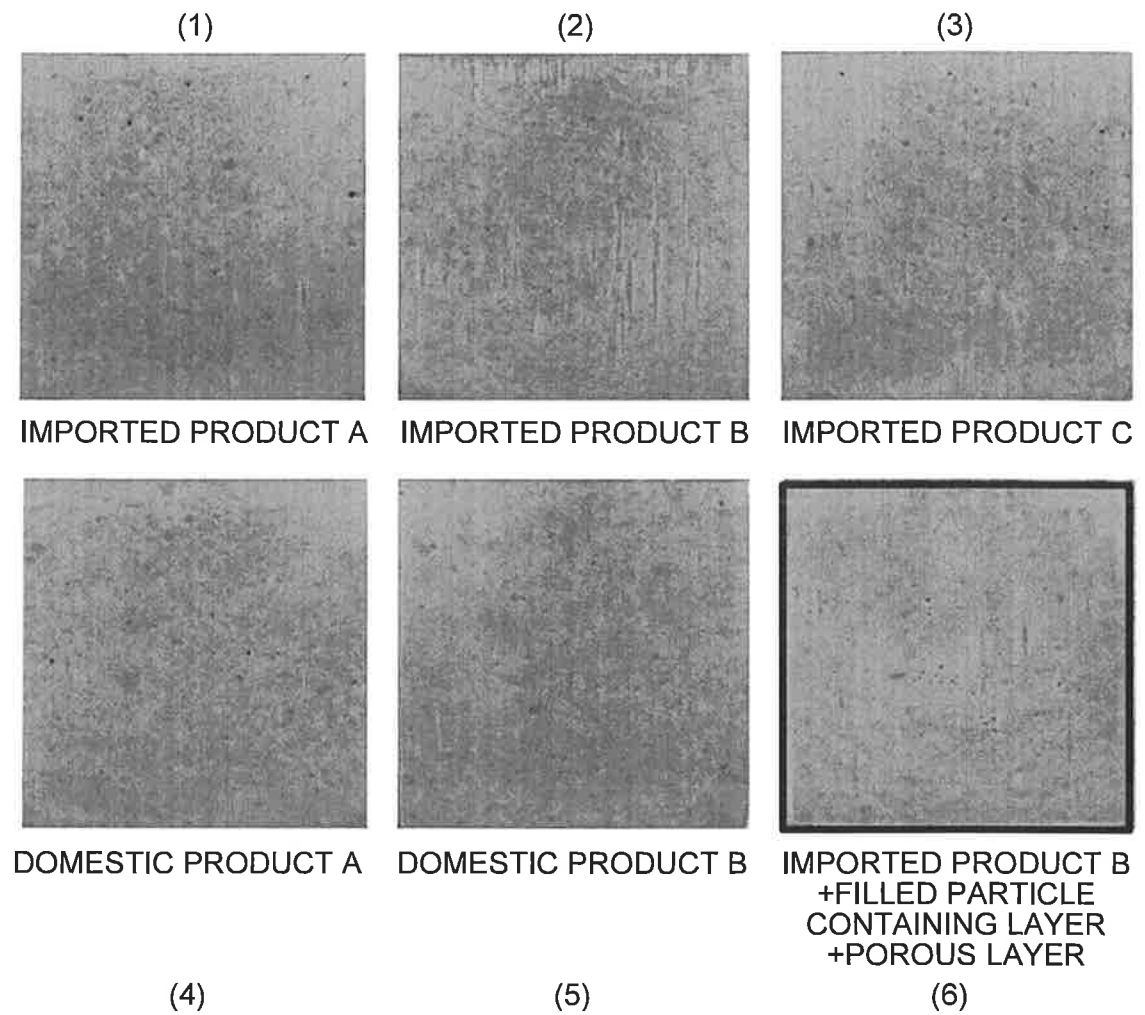
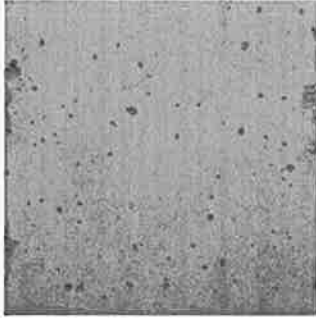


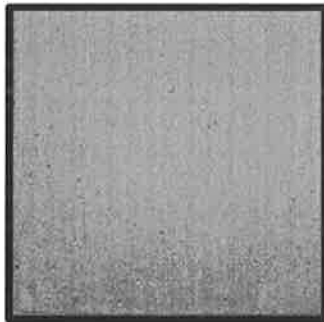
FIG.6

EXPERIMENT NUMBER 4

(1)



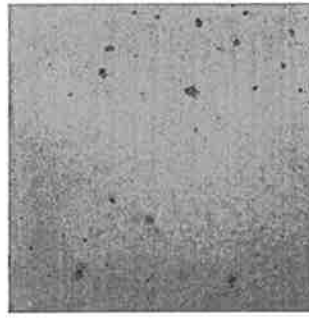
STEEL PLATE
+OILY RELEASE AGENT



STEEL PLATE
+POROUS LAYER

(4)

(2)



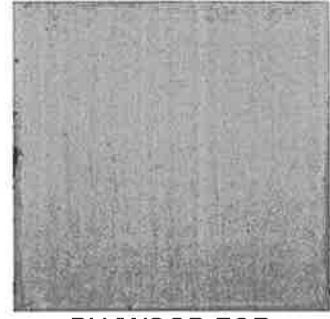
IMPORTED PRODUCT B



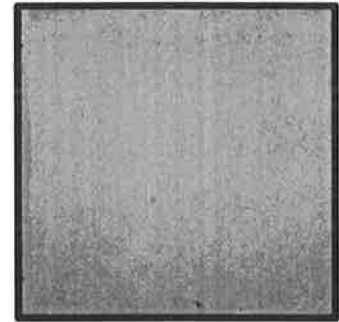
IMPORTED PRODUCT B
+FILLED PARTICLE
CONTAINING LAYER
+POROUS LAYER

(5)

(3)



PLYWOOD FOR
CONCRETE FORMWORK
+FILLED PARTICLE CONTAIN-
ING LAYERS (4 LAYERS)
+POROUS LAYER



INTERMEDIATE PRODUCT
OF A PAINED PLYWOOD
+POROUS LAYER

(6)

FIG.7

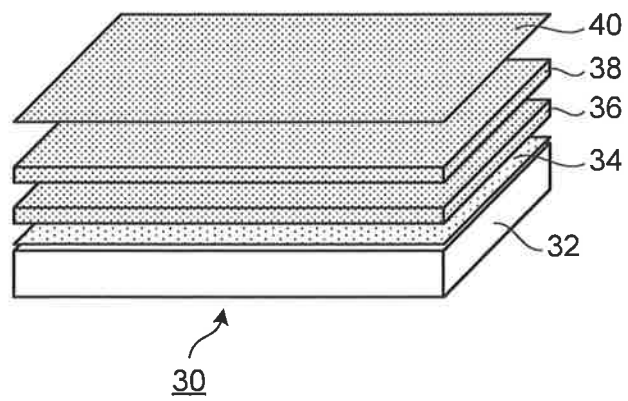


FIG. 8

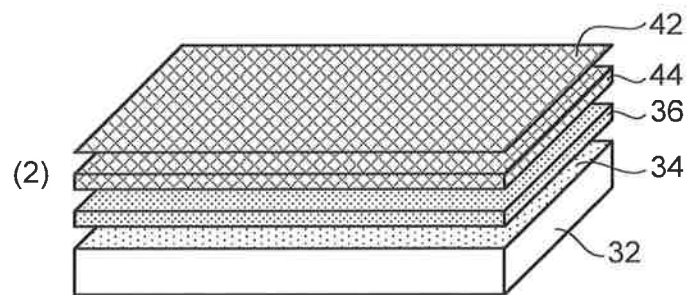
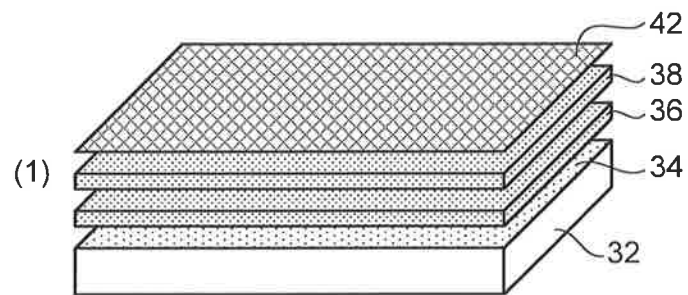


FIG.9

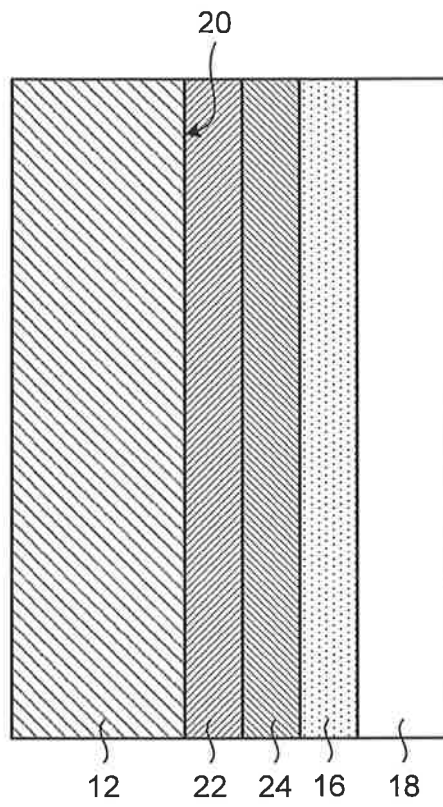
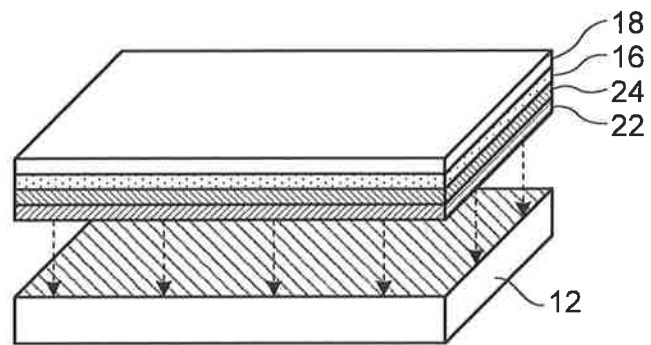


FIG.10

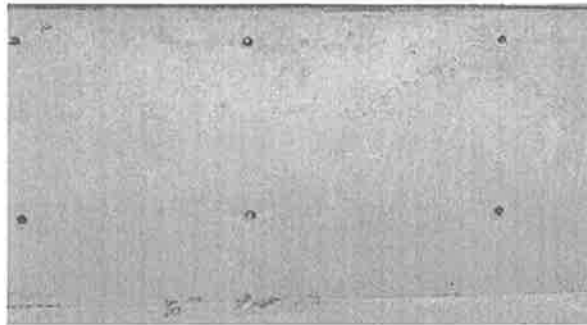


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FIG.11

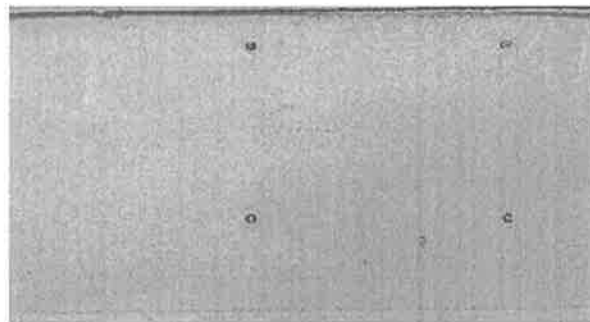
EXPERIMENT NUMBER 5

(1)



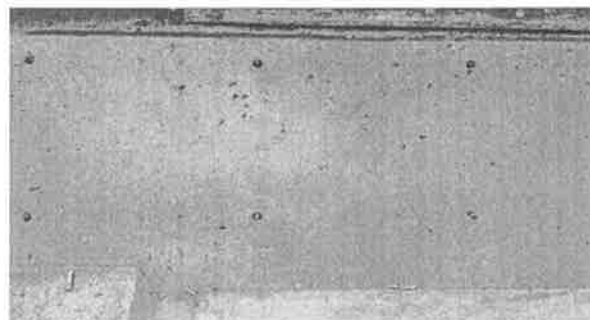
IMPORTED PRODUCT B
+PET FILM (THICKNESS $75\ \mu\text{m}$)
+FILLED PARTICLE CONTAINING LAYER
+POROUS LAYER

(2)



IMPORTED PRODUCT B
+PET FILM (THICKNESS $50\ \mu\text{m}$)
+FILLED PARTICLE CONTAINING LAYER
+POROUS LAYER

(3)



IMPORTED PRODUCT B

FIG.12

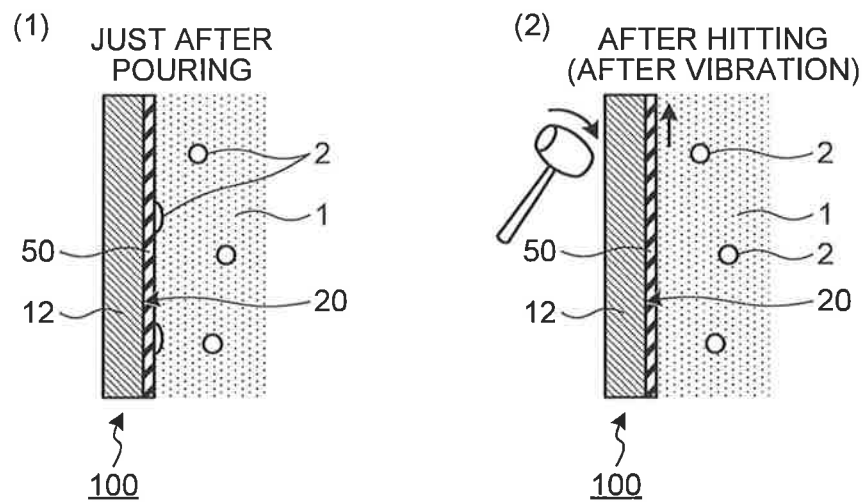


FIG.13

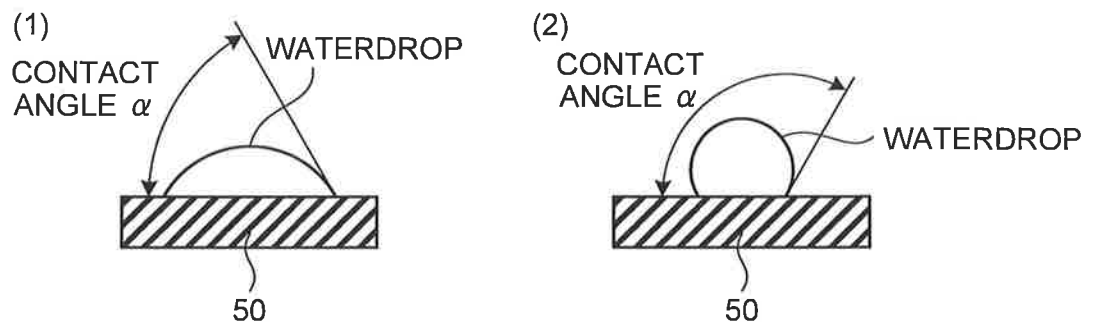


FIG.14

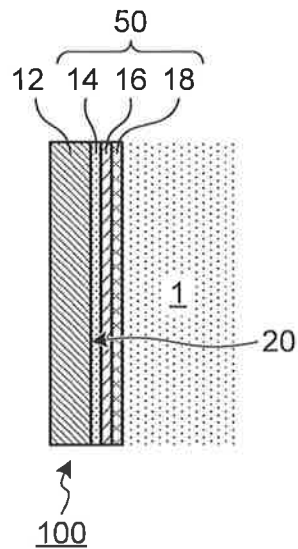
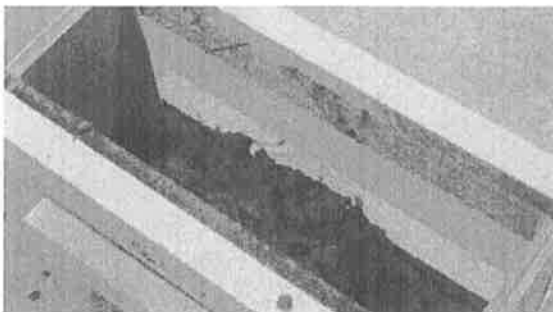


FIG.15

EXPERIMENT NUMBER 6

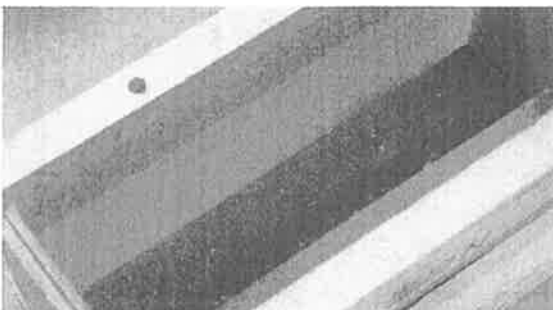
<POURING STATE: POLYVINYL CHLORIDE PLATE>



(1) POLYVINYL CHLORIDE PLATE
(CONTACT ANGLE 80°)
NO TREATMENT



(2) POLYVINYL CHLORIDE PLATE
(CONTACT ANGLE 120°)



(3) POLYVINYL CHLORIDE PLATE
(CONTACT ANGLE 130°)

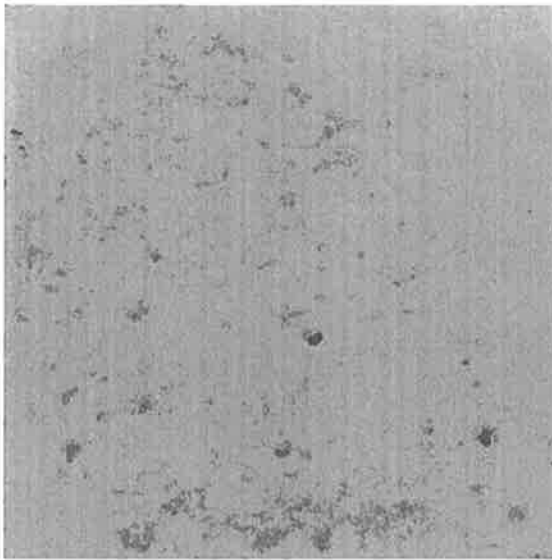


(4) POLYVINYL CHLORIDE PLATE
(CONTACT ANGLE 150°)

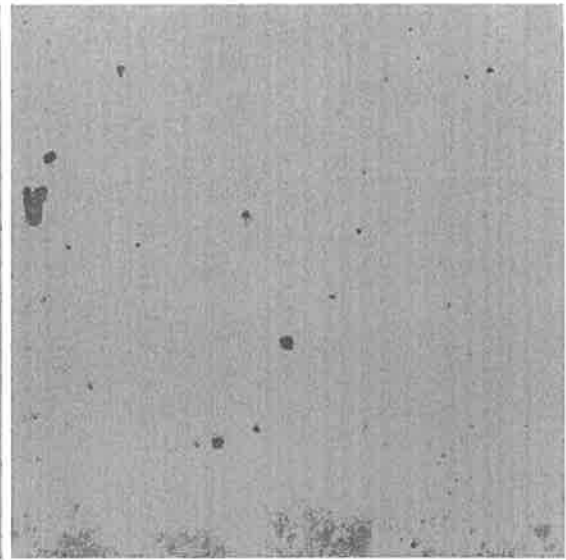
FIG.16

EXPERIMENT NUMBER 6

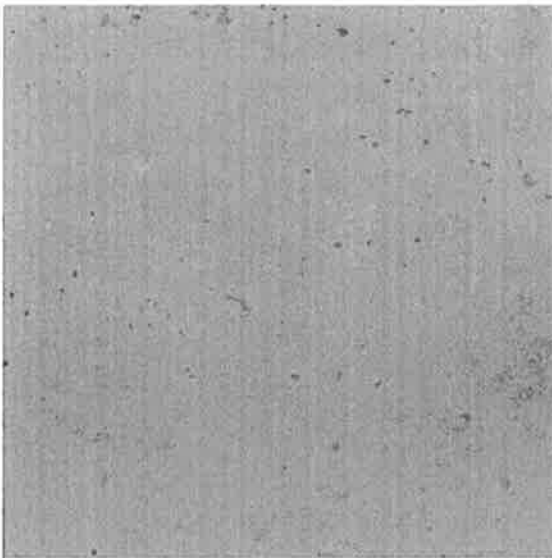
<AFTER FORMWORK REMOVAL: POLYVINYL CHLORIDE PLATE>



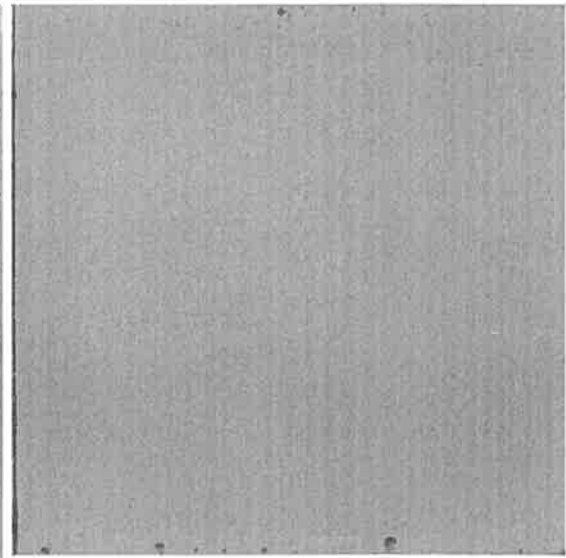
(1) POLYVINYL CHLORIDE PLATE
(CONTACT ANGLE 80°)
NO TREATMENT



(2) POLYVINYL CHLORIDE PLATE
(CONTACT ANGLE 120°)



(3) POLYVINYL CHLORIDE PLATE
(CONTACT ANGLE 130°)

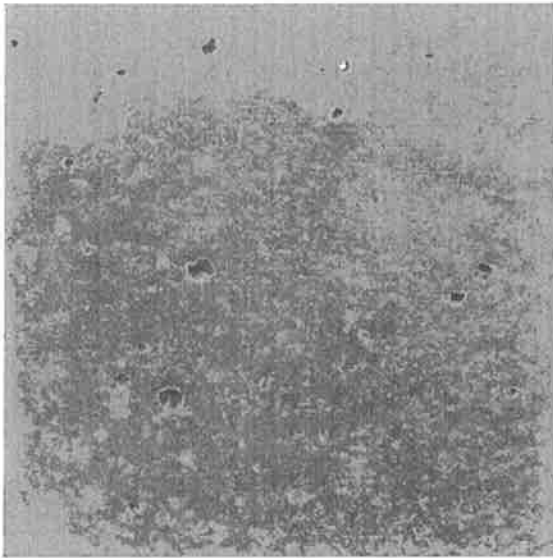


(4) POLYVINYL CHLORIDE PLATE
(CONTACT ANGLE 150°)

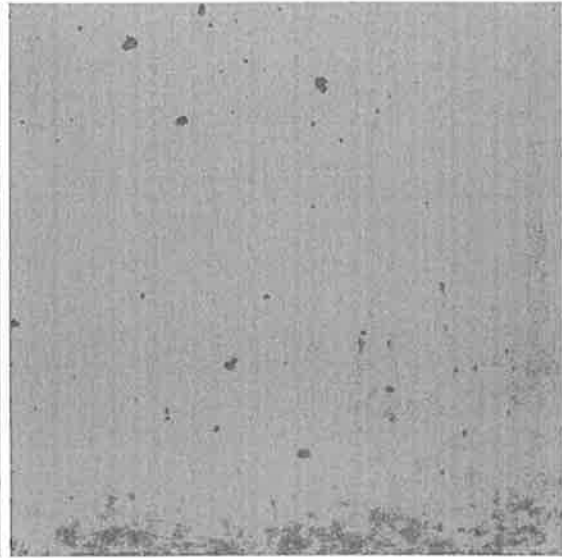
FIG.17

EXPERIMENT NUMBER 7

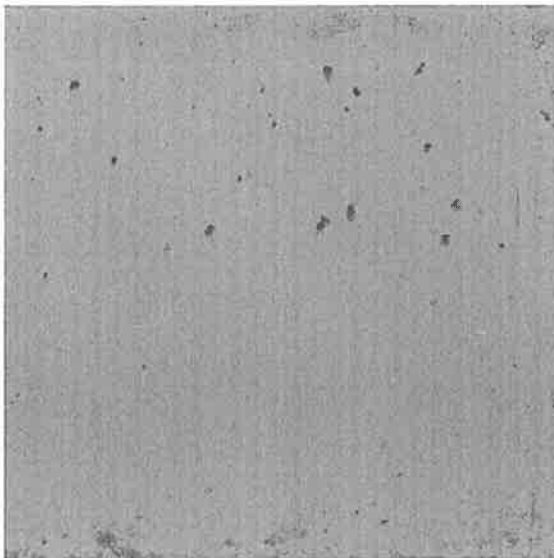
<AFTER FORMWORK REMOVAL: PAINTED PLYWOOD>



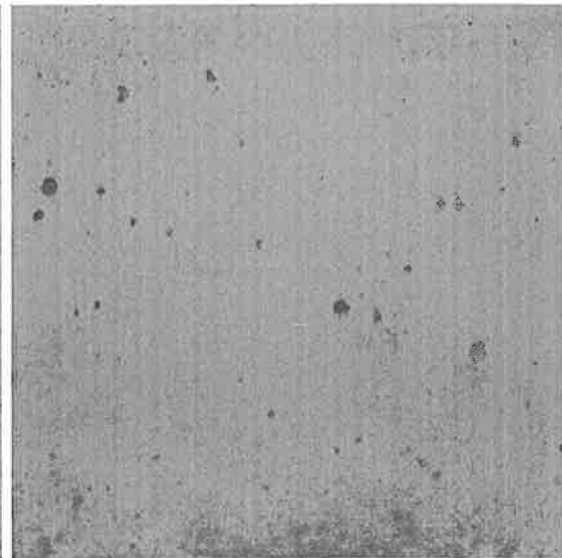
(1) PAINTED PLYWOOD
(CONTACT ANGLE 80°)
NO TREATMENT



(2) PAINTED PLYWOOD
(CONTACT ANGLE 90°)



(3) PAINTED PLYWOOD
(CONTACT ANGLE 110°)

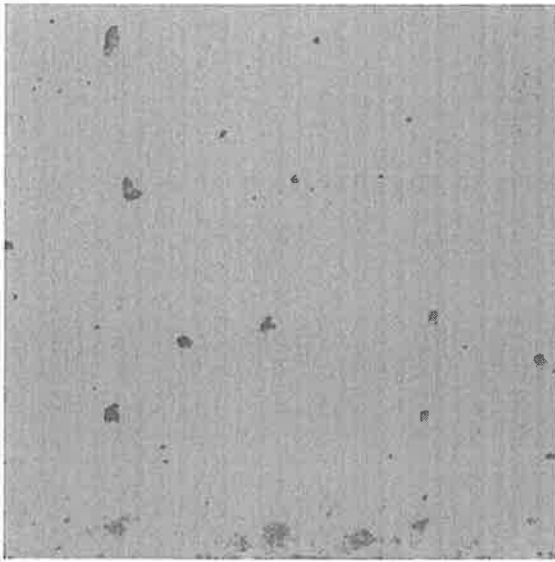


(4) PAINTED PLYWOOD
(CONTACT ANGLE 120°)

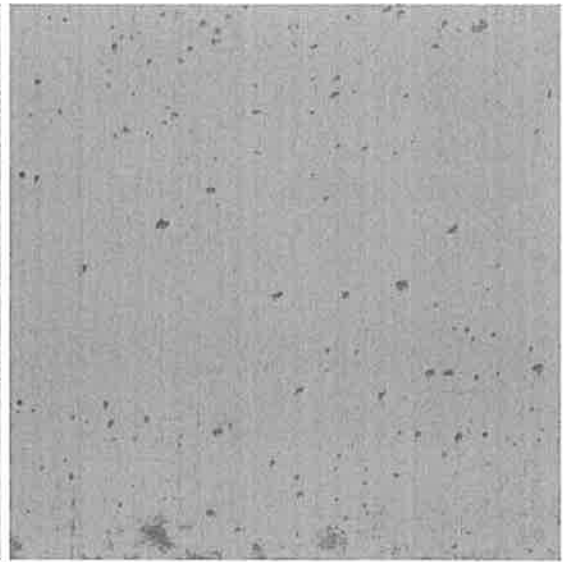
FIG.18

EXPERIMENT NUMBER 7

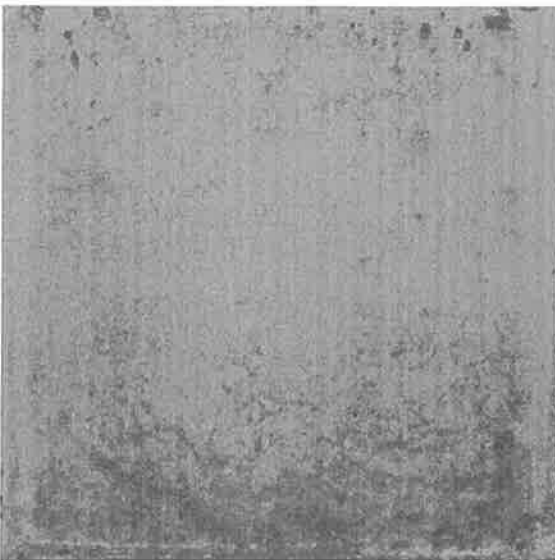
<AFTER FORMWORK REMOVAL: PAINTED PLYWOOD>



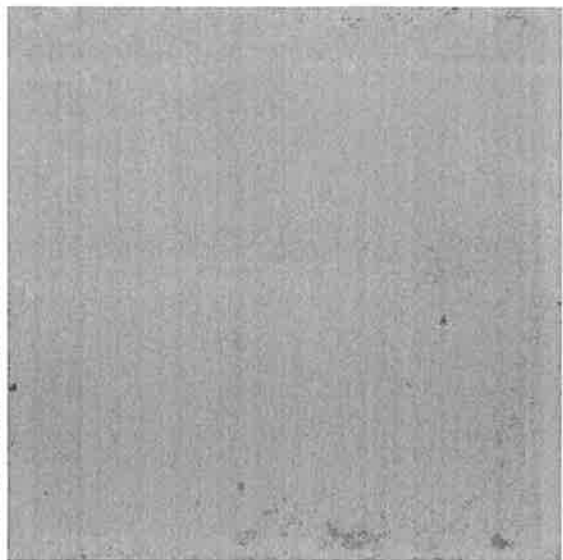
(1) PAINTED PLYWOOD
(CONTACT ANGLE 130°)



(2) PAINTED PLYWOOD
(CONTACT ANGLE 140°)



(3) PAINTED PLYWOOD
(CONTACT ANGLE 150°)



(4) PAINTED PLYWOOD
(CONTACT ANGLE HIGHER THAN 150°)

FIG.19

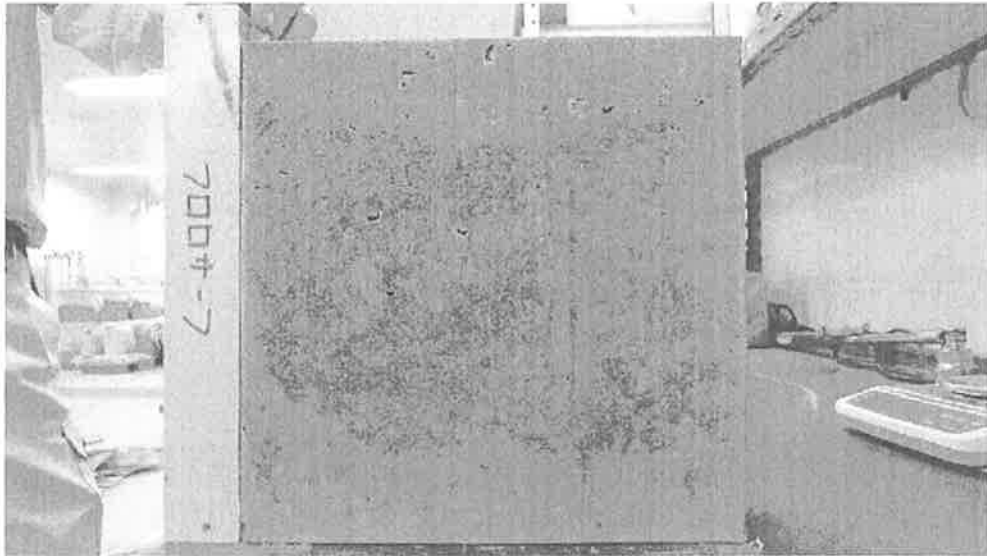


FIG.20

