



MAGNETIC CORRODED CAST IRON PLATE



COMPETITION NR 10789

TROLDTEKT METALL LINE

PATINATED COPPER AND CORRODED IRON

“WHEN ART DRESSES IN WORN-OUT MATERIAL IT IS MOST EASILY RECOGNIZED AS ART.”
FRIEDRICH NIETZSCHE



WHILE RESEARCHING THE FIELD OF USE AND THE MAIN PURPOSE OF ACOUSTIC PANELS I DISCOVERED THEY ARE MOST NEEDED IN PUBLIC AREAS, SUCH AS SCHOOLS, UNIVERSITIES AND OFFICES. SO I DECIDED TO FOCUS ON THIS FIELD OF USE TO GET A FIRST INSPIRATION FOR THE PROJECT.



AS A MATTER OF FACT CLASSROOMS AND OFFICES OFTEN MISS ACOUSTIC PANELS DUE TO THE LACK OF SPACE ON WALLS, WHICH IS MAINLY OCCUPIED BY PINBOARDS AND SIMILAR INSTALLATIONS AND LOW CEILINGS. THE LOGICAL CONCLUSION FOR ME WAS TO ADD ANOTHER LAYER OF USAGE BY COMBINING THE FUNCTIONS OF PINBOARDS AND ACOUSTIC PANELS.



TRYING TO REALIZE THIS IDEA, I EXPERIMENTED WITH CAST AND IRON POWDER TO SEE IF I CAN GET A MAGNETIC EFFECT INTO CONCRETELIKE MATERIAL. I DISCOVERED THAT NOT ONLY THE MAGNETIC EFFECT BUT ALSO A NICE CORRODING SURFACE APPEARS.



AS A RESULT OF MY RESEARCHES MY IDEA IS TO ADD METALLS LIKE COPPER OR IRON TO THE CONCRETE MIXTURE TO CREATE A ACOUSTIC PANEL WITH A NATURALLY PATINATED SURFACE. THE TROLDTEKT METALL LINE WILL FIT THE NEEDS FOR SCHOOLS , UNIVERSITYS AND OFFICES WITH ITS WARM RED CORRODED IRON SURFACE WICH CAN BE USED AS MAGNET BOARD AS WELL. IN ADDITION TO THAT THE PATINATED COPPER PLATE CAN BE USED AS HIGH QUALITY SOUND ABSORBER IN SITUATIONS WHERE A PREMIUM STANDARD IS NEEDED, LIKE OPERA HOUSES OR THEATRES.

MY IDEA IS TO ADD METALLS LIKE IRON OR COPPER TO THE CONCRETE MIXTURE TO CREATE A MAGNETIC ACCOUSTIC PANEL WITH A NATURALLY PATINATED SURFACE.

CAST AND IRON POWDER ADDING WATER CAST IN A MOULD FINAL SURFACE

