

CASE STUDY

Mile Square Health Center

 CHICAGO, ILLINOIS





The first federally qualified health center in the Chicago area to offer urgent care and specialty care services under one roof, Mile Square Health Center also serves as the gateway to the University of Illinois (UI) Health campus.

It was important that the architecture of the new health center reflect Mile Square and UI's commitment to progress and delivering top-notch service to their patients.

The state-of-the-art medical facility has a stunning mosaic façade designed to communicate the ideas of movement, progress and technology: reflecting—physically and metaphorically—the dynamic nature of the campus and immediate surroundings. To achieve the desired design and details both architecturally and structurally, while meeting aesthetic goals such as finish quality and panel flatness, Moody Nolan rendered the building envelope in Reynobond® 4mm FR Composite Material.

A subtle variation in the tone of grey was required for the exterior of the building; an Anodic Clear Colorweld® 500 paint coating was chosen as the base paint color. Working without color chips, the team then 'dialed in'

the two custom colors—MP2, which is 15% darker than the standard Anodic Clear color, and MP3, which is 75% darker than the standard Anodic Clear color.

To ensure that the metal panel joint lines would align with the mullions on the curtain wall and to avoid adding panel joints in corner areas, Reynobond® Composite Material was purchased in 260-inch sheets. The typical finished size of the metal panels was approximately 2 feet, 4 inches tall by 16 feet long, varying from this length around windows and at perimeter conditions.

The random mosaic pattern continues from the metal panels to the curtain wall, where the glass panels align with the metal panels and match them in size. The dynamic composition of randomly placed panels of colored and spandrel glass appears reflective and patterned during the day, dematerializes during dusk hours and is highly transparent at night.



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ARCHITECT	Moody Nolan
CONTRACTOR	The George Sollitt Construction Company
FABRICATOR	Shape Architectural (fabricated products division of Shaffner Heaney Associates, Inc.)
PRODUCT	42,600 square feet of Reynobond® 4mm FR Composite Material
COLOR	Custom coatings of two shades of Anodic Clear: Colorweld® 500
APPLICATION	Rainscreen System