



EUCLID CHEMICAL

EUCOFLOOR

HEAVY DUTY FLOOR SOLUTIONS



SOLID WASTE TRANSFER STATION TIPPING FLOORS

MATERIAL RECOVERY FACILITIES

HEAVY EQUIPMENT BAYS

MAINTENANCE FACILITIES

INDUSTRIAL FLOORS



PARTNERED SOLUTIONS

TIPPING FLOORS - DURABILITY IS CRITICAL

According to the EPA (Environmental Protection Agency), Americans generate over 254 million tons of trash per year. Tipping floors in waste transfer stations and material recovery facilities must perform under the most damaging conditions. Constant scraping, slamming, and chemical attack forces owners to frequently repair these floors which costs time and money. The Euclid Chemical Company and North American Construction Technology have teamed up to provide owners with a cost-minimizing, long-lasting solution.

NACT AND THE EUCLID CHEMICAL COMPANY - A PROACTIVE APPROACH



North American Construction Technology and **The Euclid Chemical Company** have formed an exclusive partnership to provide the industry's only turnkey solution for your heavy duty flooring needs.

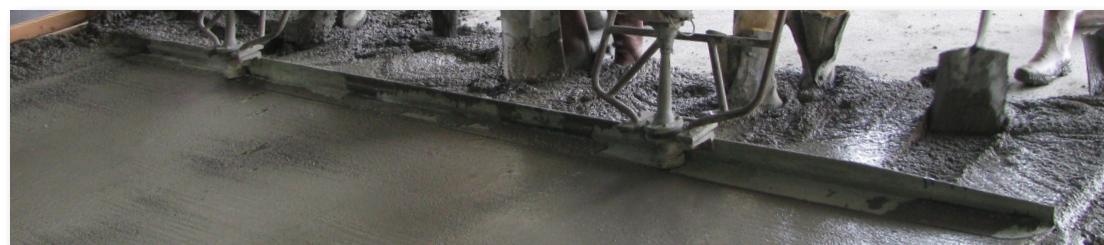
North American Construction Technology is a group of trusted, professionally trained contractors that provide premium workmanship. Experts in rapid mobilization, NACT will ensure that revenue losses due to facility shutdowns are minimized. NACT provides:

- ◆ The only proven weekend turnaround floor installation - push trash on Monday!
- ◆ Coast to coast coverage to ensure a high level of quality and support.
- ◆ 3D digital modeling and laser scanning services to track and evaluate wear on your floors.

The Euclid Chemical Company provides superior, high performance products that greatly extend the service life of floors that receive excessive abrasion, impact, and chemical attack.

- ◆ **EucoFloor 404** is the industry's most durable floor topping for areas subject to heavy wear, impact, abrasion, and chemical attack. EucoFloor 404 will outlast any iron-aggregate or natural-aggregate (emery, quartz, etc...) floor topping on the market.
- ◆ **EucoFloor 202** is a high strength, natural aggregate floor topping for areas subject to moderate wear, impact, and abrasion.

Owners are encouraged to work together with their local Euclid and NACT partners to design a hybrid floor. By utilizing both **EucoFloor 404** and **EucoFloor 202**, owners ensure that their facilities maximize their operations and maintenance budgets.



PROVEN PERFORMANCE

EUCOFLOOR 404

INDEPENDENT STUDIES HAVE PROVEN SUPERIOR ENGINEERING PROPERTIES WHERE IT MATTERS MOST

ABRASION

Abrasion is the #1 cause of failure for tipping floors. EucoFloor 404 is designed to withstand the constant scraping of huge front-end loaders.

EucoFloor 404 is over 10 times more abrasion resistant than the standard 6,000 psi (41 MPa) concrete that is commonly used for repairs.

IMPACT

EucoFloor 404 testing boasts superior impact resistance. According to ACI 544.2, 6,000 psi (41 MPa) concrete cracks after 4 drops while EucoFloor 404 did not crack.

Test was terminated when EucoFloor 404 had not cracked after 50 blows.

CHEMICAL ATTACK

When harmful chemicals are absorbed into concrete, they can cause serious degradation. EucoFloor 404 has a significantly lower absorption rate greatly reducing the risk of chemical attack.

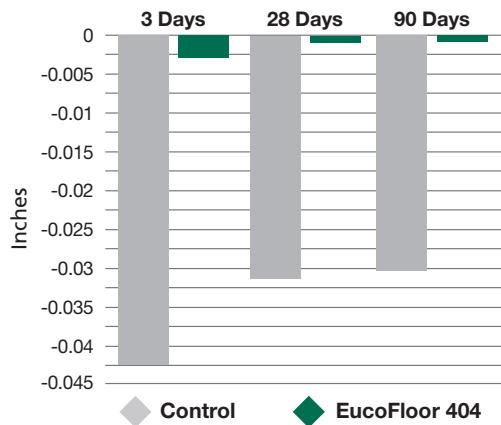
On average, EucoFloor 404 will absorb ~555% less harmful chemicals than 6,000 psi (41 MPa) concrete.

STRENGTH

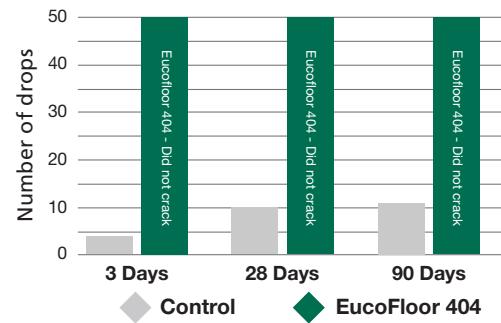
To withstand the heaviest loads, EucoFloor 404's compressive strength is unparalleled.

On Average, EucoFloor 404 is ~340% stronger in compression than 6,000 psi (41 MPa) concrete.

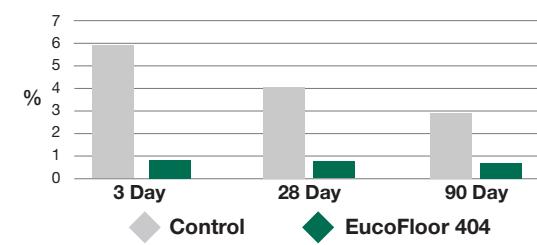
Abrasion Resistance - ASTM C-944



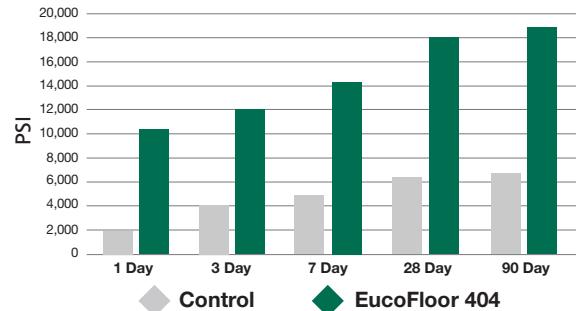
Impact Resistance - ACI 544.2



Absorption after Immersion - ASTM C-642



Compressive Strength - ASTM C-39



LABORATORY SERVICES

Our world class Cement and Concrete Reference Laboratory (CCRL) inspected facilities are equipped with state-of-the-art equipment and staffed by an exceptional team of professional, ACI certified technicians. These outstanding resources provide The Euclid Chemical Company the capability to offer comprehensive analytic and petrographic evaluation and testing services via programs that conform to the standards prescribed by the American Society for Testing and Materials, the U.S. Army Corps of Engineers (USACE), the American Concrete Institute and the International Concrete Repair Institute.

TRAINING

The Euclid Chemical Company generously shares product information and technical knowledge through training and seminars conducted for project owners, contractors, distributors and design professionals. Many programs are AIA/CEU registered, allowing eligible attendees to earn professional development hours. Euclid Chemical is proud to sponsor these opportunities for our associates and colleagues as part of our ongoing commitment to the concrete construction industry.

BUILDING GREEN

The Euclid Chemical Company offers an extensive line of green products that are specific to LEED guidelines. The LEED (Leadership in Energy & Environmental Design) Green Building Rating System provides a national standard for defining an environmentally friendly, sustainable "green" building. Points awarded to building projects based on water savings, energy efficiency, materials and indoor environmental quality.

INDUSTRY LEADERSHIP

For more than a century, The Euclid Chemical Company has served as a leading supplier to the concrete and masonry industry offering a full line of engineered concrete admixture and construction products marketed under the EUCO brand name. These products include concrete admixtures, block and masonry additives, curing and sealing compounds, epoxy adhesives, floor and wall coatings, structural grouts for columns, equipment and machinery, joint fillers and repair products. The Euclid Chemical Company strives to bring innovative technologies and products to the concrete market with industry leading customer service.



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