



Waterproofing the WORLD



LEADING INTO THE FUTURE



GLOBAL LEADERSHIP

De Neef has offered premium waterproofing and unparalleled service, for over 30 years. The De Neef organization places both manufacturing capabilities and skilled staff in the prominent markets of the world.

INNOVATION

Leading edge R&D is the cornerstone of our business. New and Improved products are successfully launched each year, keeping De Neef at the top of the "Technology Curve"



CUSTOMER SOLUTIONS

Partnering with our customers to solve their challenges is a De Neef hallmark. Extensive technical and field knowledge applied to specific needs allows De Neef to remain an industry leader in providing proven solutions. Our global presence ensures that we offer convenience and savings along with a quick response to customer needs, anywhere, anytime.



QUALITY

De Neef's unmatched commitment to quality is confirmed by the numerous approvals, awards, and certificates earned (ISO, ICRI, DIN, DWI, WRAS, UI, UL, NSF, NASTT)

ENVIRONMENT

De Neef continues to exceed the chemical and construction industry standards for environmental, safety, and health issues. All De Neef products are continually reviewed and refined to provide the highest levels of safety, both at production and application.



THE FUTURE

Our mission statement, to be the premier chemical grout company globally, will lead us into new market segments and challenges. Material innovations currently in the pipeline will ensure that De Neef remains at the top of the list of waterproofing and stabilization solutions worldwide.

Solving Your Problems With Advanced Solutions



De Neef is confident that with quality, environmentally safe products and an unparalleled service history, we can be one of your key resources.

Valuable lessons learned by our team, can be utilized to eliminate your crucial water & soil problems.



TO PREVENT IS BETTER THAN TO CURE



Modern concrete structures are built in segments, highlighting the need for a positive method of waterproofing their connections. Over 20 years ago, De Neef engineers began pioneering the unique idea of injectable waterstops.

With thousands of projects and tens of millions of feet successfully installed, De Neef's injectable waterstop record is unrivaled.

CONSTRUCTION AND EXPANSION JOINTS

Traditional PVC or rubber waterstops are labor intensive and often ineffective. De Neef's premier waterstop system is an injection tube, which is easily installed in new concrete or concrete repairs. The first in this family was **INJECTO™ Tube**. Physically installed prior to the concrete pour, a waterproof **HYDRO ACTIVE®** resin is pumped through the **INJECTO™ Tube** to expand and completely fill the joint interface after the concrete has cured.



Re-injectable tubes as well as multi-port tubes are also available to fit the challenges of your project.

Traditional Waterstop profiles cannot prevent hazardous chemicals from seeping into joint interfaces. De Neef injectable systems ensure that voids are completely filled with chemically resistant resins, thus contaminants are barred from entry.

PENETRATIONS AND PRECAST JOINTS

Concrete penetrations and precast joints are troublesome details. These are easily cured by expanding gaskets like preformed hydrophilic rubber strips and gunable hydrophilic mastics. Chemically resistant and flexible, these products are the obvious choice for a variety of construction joints.



On the Forefront of Innovation

De Neef's dedication to advancing the industry is evident through our extensive Research and Development programs, our collaborative efforts with Universities, and government institutions, as well as our commitment to solving your unique challenges.



UNDERGROUND WATERPROOFING



CIVIL CONSTRUCTION

Create a permanent water barrier for below-grade structures with the complete line of **HYDRO ACTIVE®** grouts and accessories.

De Neef offers the widest variety of materials that professionals need to ensure they have the right product for their project. This extensive selection, coupled with experienced technical support assures the successful completion of your project.

WATER STORAGE

Potable water structures of all types, from dams to treatment plants, have leakage difficulties. De Neef has more ANSI/NSF 61, DIN, and European approved products than any other manufacturer in the world. Our Research and Development Department is constantly creating new chemistries to meet the high standards of the world's water authorities.

MUNICIPAL AND WASTEWATER

Wastewater systems all over the world are constantly pushed to their maximum design limits. Connect that fact with the dynamic climate and geological conditions and you have a tremendous maintenance issue. Repairing inaccessible pipes utilizes a technique of inflatable packers or point grouting to install an acrylate, acrylic, or polyurethane grout into the soil surrounding the leaking pipes. De Neef has the most NSF 61 potable water approved grouts used with a “no-dig” methods to combat infiltration and exfiltration problems.

GROUND WATER MITIGATION

Mines and tunnels are constantly plagued by unwanted ground water. Preventing intrusion into shafts, tunnels, or deep excavations frees labor and equipment for more productive tasks and expands mine utilization and efficiency. De Neef's large selection of zero VOC, non-flammable, environmentally safe grouts are ideal for use underground and in confined space environments.



The Leader in Solutions

Water has long been a most persistent adversary of engineers and contractors. Structures move due to settling, thermal changes, and aging; these forces cause cracks and other voids allowing unwanted ground water to enter and reduce durability.

De Neef began solving construction problems more than 30 years ago, and remains the industry leader today.



SOIL STABILIZATION AND SITE IMPROVEMENTS



TIE-BACK ANCHORS

Conventional cement tie-back grouting presents many difficulties in high groundwater conditions. Problems like grout washout and low tensile strength are non-existent with De Neef **HYDRO ACTIVE**[®] grouts.

Accelerated polyurethane can develop high design strength in minutes, with little washout because of their foaming reaction.



UNDERPINNING MINI-PILES

Settling of existing structures due to poor fill materials and inadequate soil compaction can be halted by high strength polyurethane and cements. De Neef chemists have engineered many unique materials and application systems for permanent soil solidification and stabilization.

DIAPHRAGM AND CUT-OFF WALLS

Soil stabilization by permeation grouting stops the leaching of contaminated water from polluted landfills into excavation areas. Extreme water flow, even through granular strata, can be controlled with proper material and method selection. Safely stabilize insitu materials with De Neef acrylates and polyurethanes, which can also be combined with **MICROFINE**[®] cements in certain applications.



Caring for the Environment is a Natural

The shortage of quality building sites and new strict ground water treatment regulations has significantly raised the need for effective infiltration solutions.

With the knowledge gained from thousands of successful applications using environmentally friendly products, De Neef's capacity to attack challenging site problems is unsurpassed.



STRUCTURAL RESINS



CRACK INJECTION

Structural fractures are commonly repaired by pressure injection with high strength epoxies. De Neef has successfully injected concrete, masonry, stone and even wood beams. Whether on dry, moist or wet conditions, we have the appropriate resins.

MARINE AND UNDERWATER REPAIRS

Underwater repairs require special attention to detail due to mounting costs, personal risk and problematic job site conditions. De Neef provides a full line of proven underwater epoxies, grouts, and structural fabrics to service marine projects from nuclear reactors to seawalls.

PENETRATING CRACK SEALER

Cracks in horizontal concrete, new or old, can be effectively sealed from water intrusion, thus cutting off entry of chlorides and other detrimental contaminants. De Neef low viscosity, fast cure Methylmethacrylate resins penetrate hairline cracks on parking garages, bridge decks, and more.



LIGHT WEIGHT BRIDGE DECK OVERLAYS

Aging roadways and bridges present a constant challenge: To restore driving surfaces without adversely effecting loads. De Neef fast cure Methylmethacrylate bridge overlay system provides the solution without the weight.

HIGH-TECH POLYMER CONCRETES

Challenging concrete repairs can be completed with De Neef polymer concretes. These high strength, fast set materials can be applied at temperatures as low as 14°F, to minimize shut-down time, increase efficiency, and reduce costs.

Curing our Aging Infrastructure

Concrete structures fail in crucial load-bearing areas due to a variety of reasons: thermal stress, shrinkage, excess load, and abuse. De Neef's **MICROFINE®** cements, methacrylates, and epoxies are engineered to out perform all competitive structural bonding products.





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