

 **TENCATE**  
**Nicolon®**

**CONCRETE PROTECTION**

**HIGH CHEMICAL BARRIER**

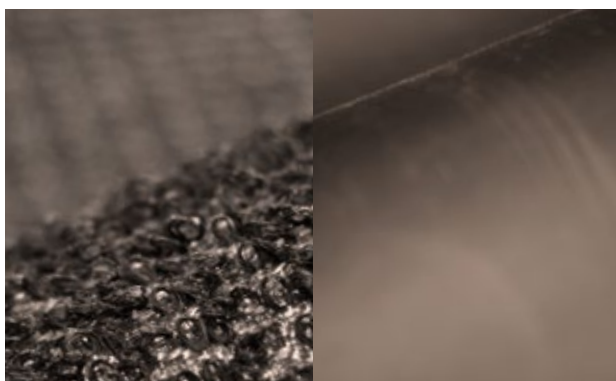
 **TENCATE**  
INDUSTRIAL FABRICS



# CONCRETE PROTECTION

Perfect protection

The C356 offers a perfect protection against corrosion through chemical attacks and moisture penetration. It will extend the life time of the concrete structure considerably.



Our concrete protection offers, through its unique anchoring loops, a perfect bond to the concrete. The concept of the loops have been in practice in several applications where long life spans are in demand. Like for instance in marine structures.

The C356 can be used in several applications where protection of concrete is required. E.g. Biogas installations.

## TENCATE C356 CONCRETE PROTECTION

C356 consists of a loop fabric coated with a heavy duty polypropylen which has been specifically developed to withstand the aggressive climate inside the Biogas Digester.

These sheets are being installed on the inside of the Digester from the top down. All though the areas above the fluid are under the heaviest attacks, often the sheets are installed from top to bottom. The sheets are installed onto the formwork by a belting system. The concrete will be poured into the formwork and the unique form, structure and the placement of the loops make the interlocking with the concrete extremely effective.

Concrete protection liners are welded together, thus creating permanent and reliable joints. Depending on the project requirements, heated element butt welding, extrusion and hot wedge welding are necessary for a reliable and leak tight weld, which additionally offers chemical resistance.

C356 is used in many different applications of concrete protection.

## AREAS OF APPLICATIONS

- › Biogas installations
- › Manure storage
- › Silage bunkers
- › Leachate protection
- › Sewer liners
- › Drinkwater storage bunkers

## ADVANTAGES OF C356 CONCRETE PROTECTION

- › Flexibility
- › Ease of installation and manipulation
- › Long lengths of 120 m and 2 m wide. Less welding and a minimum of seams
- › Tensions in the concrete will be absorbed, reducing creases
- › Impermeable to gases
- › High tensile strengths
- › Very high adhesion values to the concrete

Product code	1101758
<b>CONSTRUCTION</b>	
Construction type	Coated Loop Pile Fabric
Raw material (fabric + coating)	PP
Color	black
<b>PHYSICAL PROPERTIES</b>	
Overall width	2.05 m
Width loop area	1.98 m
Weight/m <sup>2</sup>	2320 g/m <sup>2</sup>
Thickness	2 mm
Length	approx.120 m

## REMARKS ROLLS

- › Rolled edge on edge
- › With card board tubes of 2.15 cm
- › Rolls must be stored horizontal on a flat and dry surface at a temperature of 0-40° C
- › During storage direct sunlight has to be avoided

**TENCATE**  
**Nicolon**® CONCRETE PROTECTION COVERS

