



POLEM FOR BUILDING MATERIALS

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01 About Polem

For over 50 years, Polem has been the leading specialist in designing and manufacturing composite silos and tanks. From our modern production facility in Lemmer (The Netherlands), we deliver tailor-made storage solutions to customers worldwide in industries such as construction, bulk materials, feed, food, chemicals and tanks.

We believe that a smart storage solution directly contributes to the success of our customers. By choosing composite, you are opting for a lightweight, strong, and low-maintenance material that does not rust or corrode.

Our silos and tanks are designed to withstand the toughest conditions and offer maximum product protection. In addition, we work closely with system integrators and provide support from advice to installation. This way, we offer a complete storage solution ensuring continuity in your processes, today and in the future.



02 Cement Sector

Cement is a sensitive product that requires optimal protection against moisture, condensation, and temperature fluctuations. Polem composite silos offer the perfect solution to this challenge. Due to the low thermal conductivity of composite, the temperature inside the silo remains stable and condensation is minimized. This ensures consistent product quality and prevents clogging or caking.

Moreover, composite silos have a smooth inner surface, allowing cement to flow easily and completely during discharge. The corrosion-resistant properties of composite eliminate the need for coating or repainting, reducing maintenance costs and increasing the service life of the silo.

Polem supplies tailor-made silos for cement storage in a variety of capacities. Whether it concerns a single silo or a project with multiple silos in combination with an automated discharge and transport system, we offer a reliable and future-proof storage solution.



03 Gravel Sector

Gravel storage places different demands on a silo than fine materials like cement. Gravel is heavy, coarse and causes wear on the inner walls of a silo. That's why a strong and robust storage solution is essential.

A composite silo is highly resistant to mechanical wear, impact and outdoor conditions. The material is non-corrosive and offers excellent resistance against moisture, temperature changes and weather influences — making it ideal for outdoor storage of gravel or stone materials.

In addition, composite silos can be manufactured in any desired shape or size, allowing for maximum flexibility in storage capacity and site layout. Even large volumes of gravel can be stored safely and efficiently.

With a composite silo, you invest in durability, low maintenance and a long service life — even in the toughest environments.

We design and manufacture custom-made composite silos for the construction industry — smart storage solutions for every raw material.



04 Sand Sector

When storing sand, dust control, wear resistance, and optimal product discharge play an essential role. Polem composite silos offer the perfect solution. Thanks to the smooth inner surface of the composite material, sand does not stick to the silo wall. This ensures excellent product flow and prevents blockages or build-up.

Composite is resistant to the abrasive nature of sand and fully immune to rust or concrete erosion. This results in a maintenance-free silo that retains its quality for many years, even when installed outdoors.

Our silos can be equipped with various options such as filters, vibrating cones, and advanced level measurement systems. This allows us to offer a complete storage solution that contributes to a more efficient process and minimal downtime.

Whether you store construction sand, industrial sand, or other bulk materials, Polem provides safe, reliable and sustainable storage tailored to your needs.





Polem

Composite silos & tanks

MORE THAN JUST A SILO OR TANK

It's not just storage. It's Polem.
Every grain, every drop.
Quality in, quality out.

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