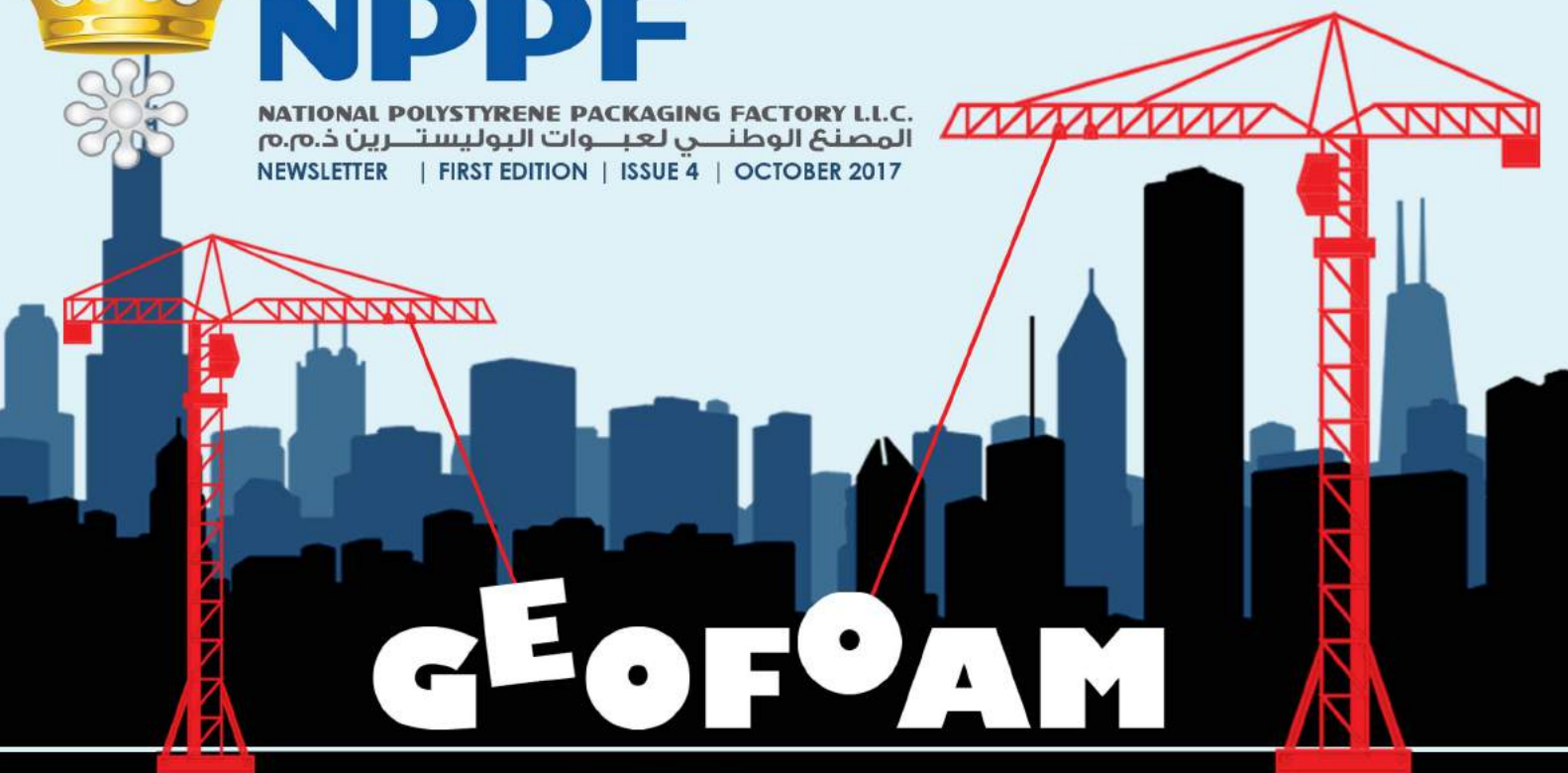




NPPF

NATIONAL POLYSTYRENE PACKAGING FACTORY L.L.C.
المصنع الوطني لعبوات البوليسترين ذ.م.م.
NEWSLETTER | FIRST EDITION | ISSUE 4 | OCTOBER 2017



GEOFOAM



NPPF's Geofoam product is an expanded polystyrene (EPS) which has been used as a geotechnical material since 1960's. Ultra-lightweight and versatile, NPPF's EPS Geofoam is a rigid cellular plastic foamed polymeric geosynthetic which is hundred times lighter than soil, and 20 to 30 times lighter than other alternative lightweight fill materials. NPPF's EPS Geofoam is constructed using advanced technology to certify the product is consistent, it has excellent thermal insulation properties with stiffness and compression strength which makes NPPF's EPS Geofoam an attractive fill material to significantly accelerate construction schedules.

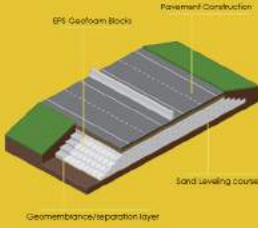


NPPF's EPS Geofoam offers special advantages for construction on soft ground, slope stabilization, Bridge abutment, etc. and extensively popular to many outstanding characteristic. Its resistance to water damage, eco-friendly, lowers the overall cost of the project, easy to transport and install without special equipment. Even if the site is below ground water, the strength of NPPF's EPS Geofoam is not compromised. A type of material that can last fulltime of a building and does not degrade or deteriorate. The integrity of NPPF's EPS Geofoam blocks remains unchanged when buried for years beneath soil and water. It is also unaffected by occurring weather conditions.

APPLICATIONS OF GEOFOAM

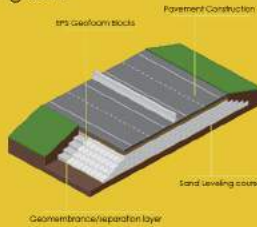
01 ROAD CONSTRUCTION

NPPF's EPS Geofoam has an extremely high compressive resistance, and can be used in lieu of heavier roadside fill materials to prevent unacceptable loading on underlying soil and making it able to adequately support adjacent structure.



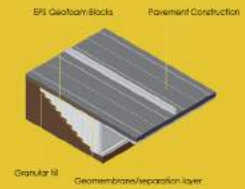
02 ROAD WIDENING

Using NPPF's EPS Geofoam eliminates the need for compaction and fill testing, reduces the construction time and minimize the impact to the existing roadway and adjacent structures. The high compressive resistance of EPS Geofoam makes it able to withstand the induced traffic forces without causing unacceptable loading of the underlying soil.



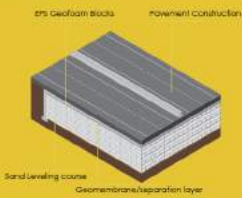
03 BRIDGE ABUTMENT

One of the primary uses for NPPF's expanded polystyrene (EPS) Geofoam is for the construction of approach fills for bridge abutments. With a naturally high compressive resistance, NPPF's EPS Geofoam makes safe, secure, and cost-effective fill material that safely supports highway loading without stressing underlying soils.



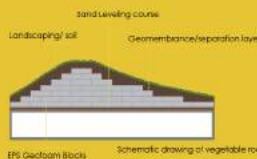
04 BRIDGE UNDERFILL

The suitable material to use when you need support for a properly designed bridge. NPPF's EPS Geofoam's lightweight adds limited load to underlying grounds and in some instances provides a zero net gain to loads.



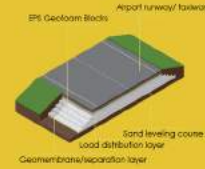
05 LANDSCAPING AND VEGETABLE GREEN ROOF

Provides the most economical way to create light weight outlines, application includes creating roof gardens for urban buildings and build up areas. NPPF's EPS Geofoam can be used to create artificial physical features of an area without adding significant load to underlying structures. This can be done by the building up of block layers and the ability of the NPPF's EPS GEOFOAM to be cut into numerous intricate shapes or for the blocks to be delivered already pre-cut to the desired profile.



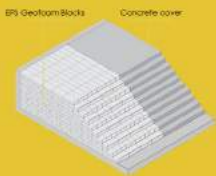
06 AIRPORT RANWAY/ TAXIWAY

Similar to road construction, EPS geofoam can be used under airport runways to replace unsuitable soils without overloading the underlying subgrade materials.



07 STADIUM AND THEATRE SEATING

NPPF's EPS Geofoam can be used to form a series of level of seating in locations such as auditoriums, movie theaters, gymnasiums and churches. The high compressive resistance and light weight of Expanded Polystyrene (EPS) geofoam make it well suited to both new construction and renovation project developments.



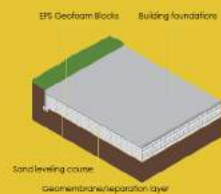
08 SLOPE STABILIZATION

A potential application for NPPF's EPS Geofoam fill mass to withstand earth pressure loads excessive rain or other natural events, is greatly reduced by improving its overall structural stability.



09 FOUNDATIONS FOR LIGHTWEIGHT STRUCTURE

To replace traditional agricultural pile footings on peat soils. The advantages of using NPPF's EPS Geofoam for the footings are its light weight, the ease of construction and the ease of transportation resulting in significant project cost savings.



Some of the Outstanding NPPF Geofoam Project



Louvre Museum

The project's scope of work consist of a museum located at Abu Dhabi. The future Louvre Abu Dhabi will be a universal museum in the Arab world.



Sheikh Zayed Grand Mosque Visitors Centre & Plaza

3-storey building being built at the southern side of the mosque which will include two main components of a visitor centre and a commercial centre.



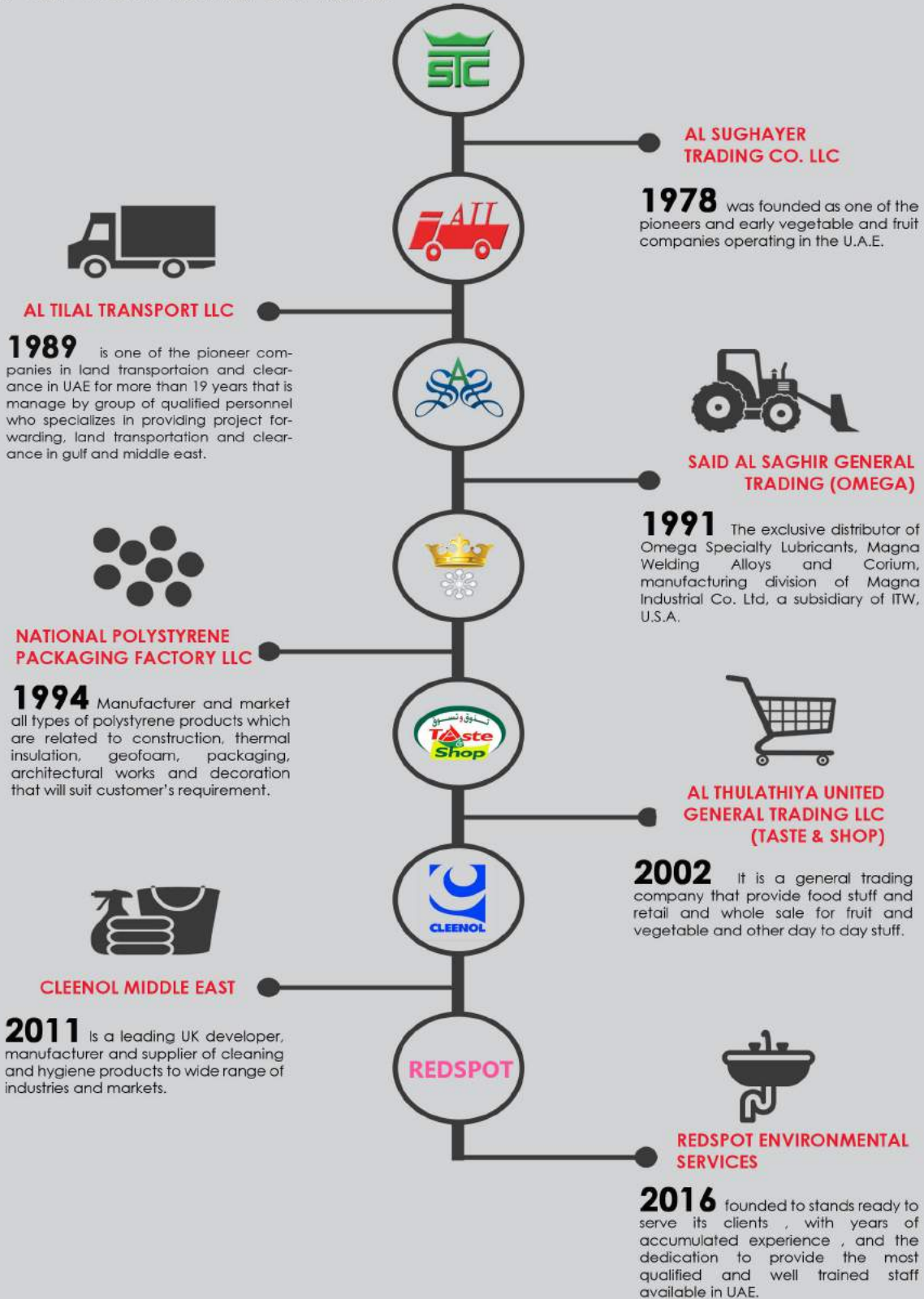
SAID AL SAGHIR

GROUP OF COMPANIES

“ Said Al Saghir Gourp of Companies was founded by Mr. Said Mohammad Al Saghir.

Above manufacturing of polystyrene and insulation materials, the group pioneered in the distribution of Omega specialty lubricants, magna welding alloyes, transporting house, wholesale fruits and vegetables and cleenol, cleaning and hygiene product.

“ The group continue its operation in UAE with Mr. Said as the managing director. Each division consist of qualified manpower who are proficient and competent in working together in order to maintain the company standard and to be one of the ultimate group of companies in providing goods and services to satisfy customer needs.





NPPF

NATIONAL POLYSTYRENE PACKAGING FACTORY L.L.C.
المصنع الوطني لعبوات البوليستيرين ذ.م.م

Tel No: 971 4 8802005 Fax No: 971 4 8802006

napopak@eim.ae sales@nppfdubai.ae

art-decor@nppfdubai.ae

www.nppfdubai.com

Jebel Ali Industrial Area No. 3, Dubai UAE



Rana
Al Saghir

Marielle
Antolin

Jona Lea
Orosca

Dileep
SS

NPPF NEWSLETTER TEAM

All Articles and materials in this newsletter are copyrighted ©2017