



Alucoat[®] Industrial Flooring

Alucoat floors ensure a hygienic and effective production in the fresh food industry. Due to the impermeability they provide a hygienic environment and the strength endures stresses from the production process ensuring an uninterrupted production. Alucoat is a cost-effective flooring solution. Impermeability, minimum of joints, high wear resistance and fast application minimize operating cost such as maintenance, production downtime and repair.

Alucoat is an optimum solution for fresh food industries such as:

- Poultry processing.
- Pork abattoirs.
- Beef abattoirs.
- Fish processing.
- Meat processing.
- Processing of other foodstuffs.
- Cold rooms and freezers.



Impermeability ensures hygienic environment

Hygiene is of utmost importance in the fresh food industry. This makes Alucoat an ideal flooring solution due to its Impermeability and minimum of joints, leaving no possibility of bacterial growth. Alucoat is also able to resist chemical attacks from blood, fat, fluids and salt. Furthermore it is resistant to repeated freeze - thaw cycles.

High Strength Endures Cleaning and Traffic

Alucoat floors withstand steam cleaning also at both low and high temperatures. Furthermore the high wear resistance and bearing capacity of the Alucoat floors endure traffic forklifts, trucks, trolleys and steel crates, and point loads from processing machinery.

Application

Alucoat floors can be applied in a wet environment and they permit use 8 hours after application is finished. **Alucoat** is suitable for; A. wet condition. B. minus temperature.

Safe Surface

Alucoat flooring provides a safe working environment and non slip on surface.

Alucoat flooring systems are based on a fine particle compound binder with high internal bond strength. Combined with selected aggregates.

Alucoat technology, the result is an extremely dense floor topping that is highly resistant wear and tear.

Our product

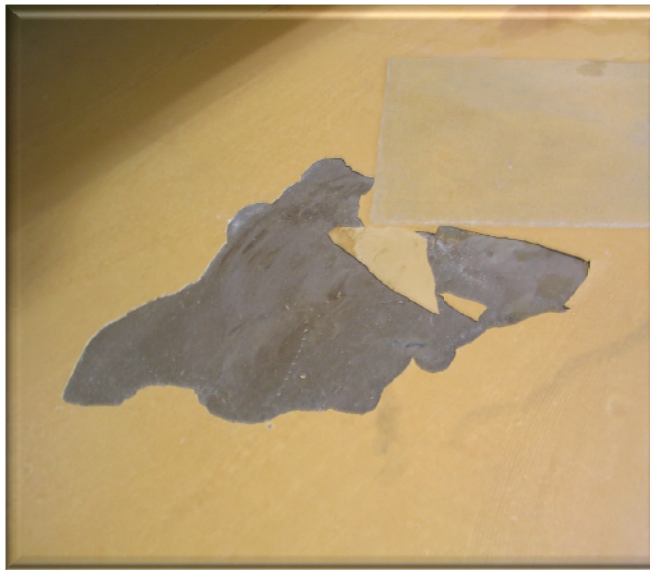
Alucoat a thin flooring with high strength thickness 4-6 mm.

Alucoat S 15 CS-T high wear and impact resistance thickness 6- 8 mm.

Alucoat S 35 CS-T for Cold rooms, freezer thickness 8-12 mm. Temperature range for use : - 18° C to -25°C

Alucoat OVR for oven room, heat areas.

'Alucoat Specialist Flooring Solutions For The Food Processing Industry



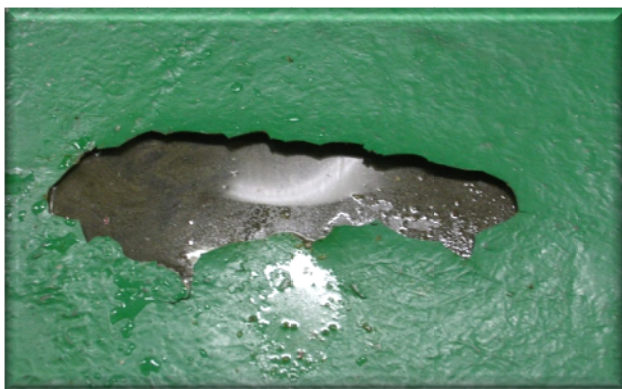
Industry Flooring Systems

After the failure of various epoxy and polyurethane based floor topping products in the cooking rooms of existing production lines Alucoat was selected the solution to replace the new way to coating for your production line. The selection of the Alucoat flooring system was based on the successful of coating solution. The ability to withstand extreme working temperatures conditions and an aggressive cleaning regime are fundamental to the success of Alucoat solution in the processed for fresh and frozen chicken , meat and seafood industries.

Alucoat is a seamless self-leveling polymers compound compound. During the past years. Alucoat has become the state of the art overlay flooring all over the world. The popularity is due to the fact and excellent bonding with concrete surface.

Alucoat is hard wearing, and resistant to a wide range of chemicals, thanks to the unique characteristic of the compound binder. Alucoat flooring can be made in as many attractive colors as you require. Surface textures range from smooth to slip resistant. (NON SLIP)

Alucoat is laid in large seamless areas without any risk of cracking; Special designs can be applied according the individual company's wishes for special effects like built-in names and logos.



CURING TIME 6 - 8 HOURS.

The industrial floor is one of the most critical areas to repair: the factory needs to be partly shutdown and a short curing time is also needs before returning to operation immediately.

Alucoat studies and offers the proper material in the short curing time.

Colors such as:

								
Yellow		Green		Gray		Red		Black

Alucoat Work Standards, Timing, Quality, Safety, always ready to solve your urgent problems even in the most critical and severe conditions.

Alucoat® Products



Thin flooring with high strength

Alucoat is a light weight and thin flooring and the strongest. It is used in areas with high wear and point loadings or where there are particular requirements for flatness and impermeability.

Alucoat consists of a high - strength compound - based dry mortar that mixes with water to an easily worked mortar.

Alucoat is applied as 4 - 6 , thick layer onto new or existing base concrete. Various colors are available.



ALUCOAT PROPERTIES

The properties depend upon curing temperature. The data given are typical for normal temperature within 6 - 8 hour .In a specialist flooring application these characteristics combine to produce a formidable flooring system. Being compound,

Alucoat floors can be applied to existing and new concrete foundation alike, With a positive advantage that substrate is saturated prior to application. In use, thermal shock problems are legated due to the common basic materials.

Alucoat products are environmentally neutral in both the installation and cured phases containing no synthetic solvents or contaminants.

Alucoat floors are waterproof but vapor permeable. In industrial and extreme uses situations, applications on grade where water vapor permeation in a concern, repair and remediation work, and in extreme temperature situations

Alucoat floors offer a extremely efficient and cost effective alternative to epoxy and polyurethane floors systems.

Alucoat floors are curina in minus temperature and hiah weiahrt ware.

Alucoat floors a safe working environment and non slip on surface.

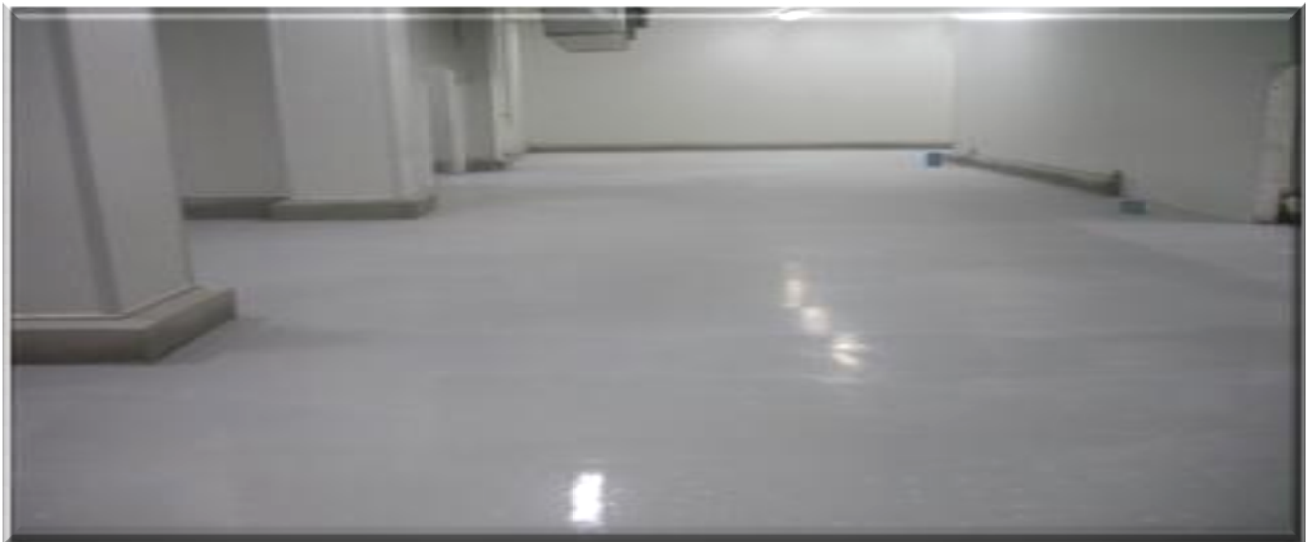
' Alucoat Specialist Flooring Solutions For the Food processing Industry '

Alucoat[®] S 15 CS-T



Heavy Duty Wear and Impact

Alucoat is a flooring with high wear and impact resistance that can be used in most areas exposed to wear and impact. The flooring can be laid to good level even where the base concrete is somewhat uneven. Alucoat consists of a high-strength compound-based dry mortar that mixes with water to an easily worked mortar. Alucoat is applied as 6 - 8, mm. thick layer onto new or existing base concrete. Various colors are available.



TECHNICAL DATA

The properties depend upon curing temperature. The data given are typical for curing at 10° C within 6 - 8 hours. In a specialist flooring application these characteristics combine to produce a formidable flooring system. Being compound, Alucoat floors can be applied to existing and new base concrete alike; with a positive advantage that substrate is saturated prior to application. In use, thermal shock problems are regaled due to the common basic materials.

Alucoat products are environmentally neutral in both the installation and cured phases containing no synthetic solvents or contaminants. Alucoat floor are waterproof but vapor permeable. In industrial and extreme uses situations, applications on grade where water vapor permeation in a concern, repair and remediation work, and in extreme temperature situations Alucoat floors offer a extremely efficient and cost effective alternative to epoxy and polyurethane systems.

Alucoat Work Standards, Timing, Quality, Safety, always ready to solve your urgent problems even in the most critical and severe conditions.

Alucoat[®] S 35 CS-T



Alucoat Compound Technology

Cold storage rooms were used in many years. Cold storage's problems as same as disintegration and room's surface damaged. Also the problems during operation. Vehicles' problem, such as forklift falls so offend to damaged on the room's surface. During the handling of goods. Cold storage rooms is a very difficult to take care. When the time to repair was is not easy to repair. Each product and each time it wants to store the temperatures regularly to the fresh of products. Always minus temperatures generally ranging from -18°C to -25°C . It is a problem to repair. ALUCO D is introducing imported. Product under name of Alucoat.

Alucoat S 35 CS-T. The breakthrough was to repair the urgency for a room with low temperatures and high humidity. Characteristics of Alucot S 35 CS-T is in the coagulation temperatures of -18°C to -25°C . The curing time is 6-8 hours and still the cold and freezing temperatures to -40°C . Thickness: 8 - 12 mm.



Step to a successful solution Alucoat can assist from the initial material selection stage to the final coating of the floor. Product selection Alucoat will help select the correct flooring type, taking into account the quality of the base concrete, the demands on the floor and any customer requirements. Detailed specification is made according to the problems and solutions identified.

Alucoat can assist in producing a detailed specification of materials and application procedure to suit the application. A competent and experienced contractor must carry out the application. Alucoat has a network of contractors with extensive knowledge and experience of applying Alucoat products for your satisfaction.

Alucoat Work Standards, Timing, Quality, Safety, always ready to solve your urgent problems even in the most critical and severe conditions.



DEPARTMENT OF CIVIL ENGINEERING
FACULTY OF ENGINEERING, KING MONGKUT'S INSTITUTE OF TECHNOLOGY
LADKRABANG BANGKOK THAILAND. TEL. 326-4216

CONCRETE COMPRESSIVE STRENGTH TEST (ALUCOAT)

PROJECT : BAFS
SAMPLE FROM : บริษัท อลูโก้(ไทยแลนด์) จำกัด

Req. No. 47603
Date of Request 01-Jun-04
Date of Submission 06-Jun-04

Spec. No.	Code	Cross Sectional Area (cm ²)	Height of Specimen (cm)	Weight of Specimen (kg)	Concrete Slump (cm)	Casting Date (d/m/y)	Testing Date (d/m/y)	Ages (days)	Ultimate Load (kg)	Compressive Strength (ksc)	Weight per Volume kg/cu.m.	Remark.
1	S35	176.67	30.000	12.179	-	25/05/47	03/06/47	9	158,650	898.00	2,297.88	
2	S37	-	30.000	11.850	-	25/05/47	-	-	(ทดสอบไม่ได้)			

TYPE OF SAMPLE..... /..... *CYLINDER

METHOD OF CASTED..... *MANUAL

Note: 1) CERTIFICATION APPLIES TO TEST SAMPLES ONLY.

2) NO ERASURE OR ALTERATIONS.

3) THERE ARE TWO TESTED SAMPLES FOR THIS DATA SHEET.

TEST BY: Mr. Chaiya Aumbun

APPROVED BY:



Date

06-Jun-04

ข้อเปรียบเทียบระหว่างสารเคลือบพื้นผิวชนิด Chemical กับ Alucoat

Chemical	Alucoat
1. ใช้เปลวไฟฟ้าเผาพื้นก่อนเคลือบ เป็นสาเหตุ พื้นปูที่สภาพดีเสื่อมอย่างรวดเร็ว 2. ต้องปิดเครื่องทำความเย็นก่อนเคลือบ 3. มีกลิ่นเหม็นเคมีเป็นระยะเวลานาน และมี กลิ่นตกค้าง 4. ไม่สามารถเคลือบกับพื้นผิวที่มีความชื้น ไม่เหมาะกับโรงงานที่มีความชื้นสูง 5. หากมีการรั่วซึมแม้แต่จุดเดียว จะเกิดการร่อน หลุดลุกลามเป็นวงกว้างรวดเร็ว 6. ลื่นไหลขณะมีคราบน้ำมันจากอาหาร เป็นผลให้ เกิดอุบัติเหตุ ในโรงงานได้ง่าย 7. การซ่อม ใช้เวลามาก 8. ลักษณะพื้นเป็นคลื่นๆกักเก็บเชื้อโรคได้ดี 9. ระบบการปรับระดับและเคลือบผิวไม่สามารถ เสร็จได้ภายใน 1 วัน 10. รับประกันสูงสุด 5 ปี	1. เคลือบได้เลย 2. สามารถเคลือบผิวในอุณหภูมิ - 40 C และใช้ งานใน 30 นาที 3. ไม่มีกลิ่นรบกวน และไม่ตกค้าง 4. เข้ากับความชื้นได้ดี 5. ไม่มีปัญหารั่วซึม 6. ไม่ลื่นไหลขณะมีคราบน้ำมันจากอาหาร 7. ไม่ต้องซ่อม 8. ลักษณะพื้นผิวค่อนข้างเรียบและเป็นมัน สวยงามถูกสุขอนามัยผ่านการตรวจมาตรฐาน FDA 9. ระบบการปรับระดับและเคลือบผิวทุกขั้นตอน สามารถเสร็จภายใน 1 วัน 10. รับประกันสูงสุด 9 ปี

ตารางเปรียบเทียบ

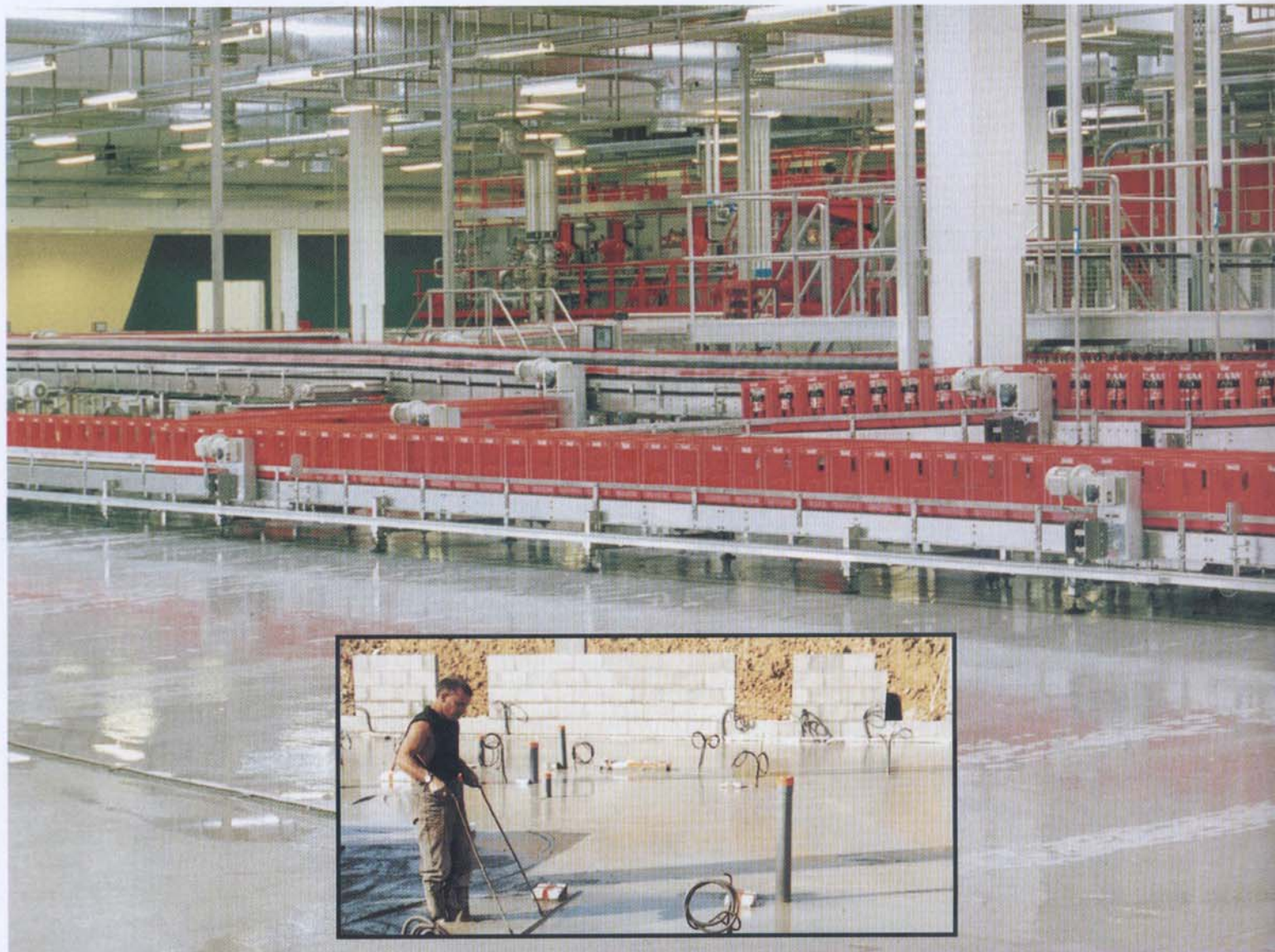
ตารางเปรียบเทียบ	ปูนสำหรับห้องเย็นในท้องตลาด	Alucoat
1. ระยะการแห้ง	ช้า	เร็ว
2. STRENGHT	ต่ำกว่า 450 ksc ใน 14 วัน	สูงถึง 900 ksc ใน 9 วัน
3. ผิวหน้า	ขรุขระ ไม่เรียบ เป็นที่กักเก็บเชื้อโรค	เรียบและเป็นมัน ถูกสุขอนามัย
4. สี	สีไม่สด ดูหมองคล้ำ ไม่สะอาด	สีสดใส ดูสะอาด
5. ขณะปฏิบัติการ	ต้องปิดเครื่องทำความเย็น	สามารถเปิดเครื่องทำความเย็นได้ ภายใต้ -18 C
6. การผสมสี	ได้น้อย	ได้มาก
7. การรับน้ำหนัก	ประมาณ 60,000 กก.	ประมาณ 160,000 กก.
8. การประกัน	-	สูงสุดถึง 9 ปี



Alucoat[®]

World Class Quality

HYGIENIC SEAMLESS FLOOR SYSTEMS



Alucoat®

Alucoat is a seamless self-leveling polymers cementitious compound. During the past years Alucoat has become the state-of-the-art overlay flooring all over the world. The popularity is due to the fact, that Alucoat is hardwearing, and resistant to a wide range of chemicals, thanks to the unique character-

istic of the cementitious binder. Alucoat flooring can be made in as many attractive colours as you require. Surface textures range from smooth to slip resistant. Alucoat is laid in large seamless areas without any risk of cracking or spalling. Special designs can be applied according to the individual company's

wishes for special effects like built-in names and logos.

Curing time 5 hour. One of the most important features by Alucoat is the short curing time. After one hour the floor can withstand maximum wear. Alucoat can be applied in thin layers as well as thick-corresponding to

the wear and traffic on site. Alucoat flooring is recognised by thousands of end-users, architects and consulting engineers to solve flooring problems for a wide range of industries within sectors of f.inst. food processing, health, shipping, energy, electronics, printing and transportation.

Alucoat Bridge

Used in internal and external environments, which are exposed to extreme industrial loads. Therefore used on road bridges, loading ramps, loading areas, decks of ships, car-park floors, indoors in exceptionally tough industrial environments, or in other places where an extremely durable and impact-resistant floor surface is required. Thickness: 8-12 mm.

Alucoat Industry

Used in areas exposed to heavy industrial loads such as truck areas and loading areas for example, main kitchen slaughterhouses, dairies, fish, chicken and other food processing plants and in the pharmaceutical and chemical industries. Thickness: 8-12 mm.

Alucoat Standard

Used in areas where there is moderate industrial loading

such as bakeries, large kitchens, breweries and other general production areas with normal loads. Thickness: 8-12 mm.

Alucoat Design

Used in areas where easy cleaning and dust free surfaces are required, such as exhibition areas, laboratories, canteens, pedestrian areas and bathing and changing areas. Thickness: 8-12 mm.

Alucoat Topfloor

Used in areas where dust protection and durability are prioritised, such as workshops, storage areas etc. Also used in the refurbishment of older Alucoat coverings. Thickness: 8-12 mm.

Alucoat Topcoat

Used in areas, which must be dust free and easy to clean, such as warehouses and archives. Thickness: 8-12 mm.



Colour



Tomato Red 710



Brown Beige 711



Sand Yellow 712



Pale Green 713



Light Grey 714



Leaf Green 715



Natural Grey 716



Dark Green 717

Alucoat Laboratory



ALUCOAT LABORATORY



SMOOTH OR NON-SLIP



HYGIENIC



RESISTANT TO CHEMICALS



WITHSTANDS HEAVY LOADS



EXTREMELY HARD-WEARING



COMPLETE WATERTIGHT



HEAT RESISTANT



READY IN NO TIME - TO LAST A LIFETIME

Alucoat - the company and the products

For more than 2 decades Aluco has been the leader in the development of modern seamless floorings. Aluco products are today the keyword for companies, which never compromises, when it comes to choosing quality. Based on a detailed site drawing, we specify the seamless floor systems, that solves each individual need. Most of our solutions differs - because floors are different according to the purpose of them.

Aluco initiated the seamless flooring process all over America and Europe in the very beginning of eighty.

Along with the fulfillment of the numerous tasks

During the past years Aluco paralleled the succes by research, constantly adding new inventions to the technique.

This means, that the customers today always will have - not only an apt solution at hand - but the right solution, regardless of conditions.

The various brands available allows for the best and most economical solution to be performed.

As adhesion to the basic foundation is of great importance for the lifetime durability, Aluco recently added another product to the trange - the Products.

The newcomer adds the perfect foundation conditions to the floor, and also serve as durable topfloor in unheated storage buildings.

HYGIENIC SEAMLESS FLOOR SYSTEMS



ALUCO D
AQ Class Standard

ALUCO D (THAILAND) CO., LTD.

Email: info@alucodthailand.com www.alucodthailand.com

Phone (662) 726 8155 Fax (662) 726 8156

Data sheet

ALUCOAT S 10

A Thin Flooring with High Strength

Alucoat S 10 is a lightweight and thin flooring and the strongest of all Alucoat products. It is used in areas with high wear and point loadings or where there are particular requirements for flatness and impermeability.

Technical data

The properties depend upon curing temperature. The data given are typical for curing at 25°C within 6-8 hours.

Impact strength can be improved by adding steel fibres.

Slip resistance can be improved by sand saturation of the surface.

For further information, please refer to the TECHNICAL INFORMATION section of the Alucoat catalogue.

Alucoat S 10 consists of a high-strength cement-based dry mortar that mixes with water to a free-flowing mortar.

Alucoat S 10 is applied as 4-6, 6-8, 8-12, 12-25 mm deep layer onto new or existing base concrete. Various colours are available.

SPECIFICATION

The base concrete is prepared by planing, scabbling, water saturation

The Alucoat S 10 dry mortar is mixed with water in a batch mixer.

The mortar is laid and vibrated as a certain thickness deep using guide

The surface is spike-rolled.

Finally, the surface is sealed with Alucoat Curing Compound or by sand saturation with e.g. Alucoat.

PROPERTY	Standard	Value	1 day	7 days	28 days
Compressive strength (MPa)	EN 12190		70	120	165
Flexural strength (MPa)	EN 196		12	18	24
Wear resistance (cm ³ /50 cm ³)	DIN 52108	4-5			
Freeze-thaw resistance	SS 137244	Very good			
Impermeability	DIN 1048	Water penetration < 1 mm			
Coefficient of expansion	EN 1770	$\alpha = -9-10 \cdot 10^{-6} / ^\circ\text{C}$			
Electrical conductivity (&m)	Force method	10s dry 10s wet			
Setting time (hours)	EN 196-3	5-7			
Density (kg/m ³)	EN 12190	2650			

Data sheet

ALUCOAT S 15

High Wear and Impact Resistance

Alucoat S 15 is a flooring with high wear and impact resistance that can be used in most areas exposed to wear and impact. The flooring can be laid to good level even where the base concrete is somewhat uneven.

Technical data

The properties depend upon curing temperature. The data given are typical for curing at 18°C within 6-8 hours.

Impact strength can be improved by adding steel fibres, and wear resistance and compressive strength can be improved by incorporating bancite.

Slip resistance can be improved by sand saturation of the surface. For further information, please refer to the TECHNICAL INFORMATION section of the Alucoat catalogue.

Alucoat S 15 consists of a high-strength cement-based dry mortar that mixes with water to an easily worked mortar.

Alucoat S 15 is applied as 4-6,6-8, 8-12,12-25 mm thick layer onto new or existing base concrete. Various colours are available.

SPECIFICATION

The base concrete is prepared by planing, scabbling, and water saturation.

The Alucoat S 15 dry mortar is mixed with water (or Alucoat Basic dry mortar is mixed with water and Alucoat aggregates) in a batch mixer.

The mortar is laid and vibrated as a certain thickness.

The surface is spike-rolled.

Finally, the surface is sealed with Alucoat Curing Compound or by sand saturation with e.g. Alucoat

PROPERTY	Standard	Value	1 day	7 days	28 days
Compressive strength (MPa)	EN 12190		55	90	120
Flexural strength (MPa)	EN 196		8	12	17
Wear resistance (cm ³ /50 cm ³)	DIN 52108	5.5-6			
Freeze-thaw resistance	SS 137244	Very good			
Impermeability	DIN 1048	Water penetration < 1 mm			
Coefficient of expansion	EN 1770	$\alpha = 10-10.6^{\circ}\text{C}$			
Electrical conductivity (&m)	Force method	10s dry 10s wet			
Setting time (hours)	EN 196-3	5-7			
Density (kg/m ³)	EN 12190	2400			

Data sheet

ALUCOAT S 25

High Wear, Impact and Slip-Resistance

Alucoat S 25 is a slip-resistant flooring with extremely high resistance to wear and impact, and good chemical resistance. It is used in areas subject to very heavy wear and impact or where there are strict hygiene requirements.

Technical data

The properties depend upon curing temperature. The data given are typical for curing at +5 °C within 4-6 hours.

Impact strength can be improved by adding steel fibres, and wear resistance and compressive strength can be improved by incorporating hardener. Slip resistance can be improved by sand saturating the surface.

For further information, please refer to the TECHNICAL INFORMATION section of the Alucoat catalogue.

Alucoat S 25 is a blend of a high-strength cement-based dry mortar (Alucoat) and aggregates (Alucoat), that mixes with water to give a stiff mortar.

Alucoat S 25 is applied as 4-6, 6-8, 8-12, 12-25 mm thick layer onto new or existing base concrete. Various colours are available.

SPECIFICATION

The base concrete is prepared by planing, scabbling, water saturation and priming.

The Alucoat S 25 Basic dry mortar and Alucoat aggregates are mixed with water in a batch mixer.

The mortar is laid and vibrated as a certain thickness..

The surface is power-floated.

Finally, the surface is sealed with Alucoat Curing Compound or by sand saturation with e.g. Alucoat.

PROPERTY	Standard	Value	1 day	7 days	28 days
Compressive strength (MPa)	EN 12190		50	90	110
Flexural strength (MPa)	EN 196		8	10	13
Wear resistance (cm ³ /50 cm ²)	DIN 52108	6-7			
Freeze-thaw resistance	SS 137244	Very good			
Impermeability	DIN 1048	Water penetration < 1 mm			
Slip resistance	DIN 51130	R 10			
Coefficient of expansion	EN 1770	$\alpha = -10 \cdot 10^{-6} / ^\circ\text{C}$			
Electrical conductivity (&m)	Force method	10s dry 10s wet			
Setting time (hours)	EN 196-3	6-8			
Density (kg/m ³)	EN 12190	2500			

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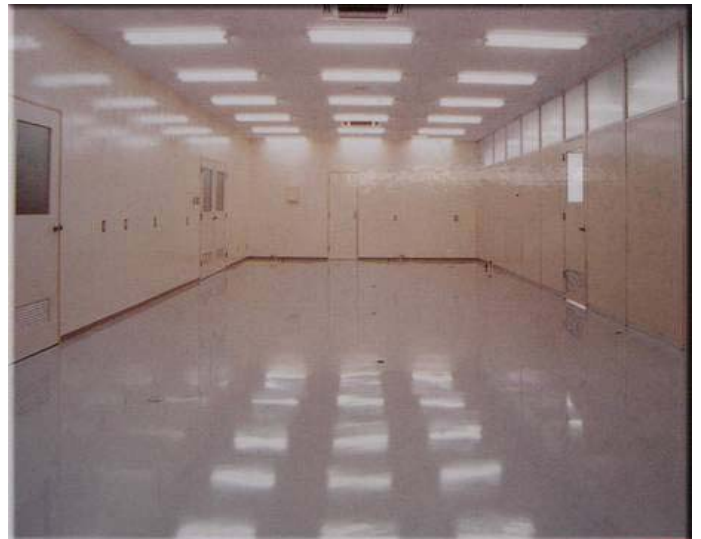
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Industrial Flooring

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REFERENCES 1



B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
FREEZER ROOM	200 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
COLDSTORAGE ROOM	800 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
ANTY ROOM	400 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
CHILL RAWMATERIAL	100 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
CARTON STORE	300 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
CARTON PREPARING	100 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
CHILL ROOM	150 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
TROLLEY CLEANING ROOM	90 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
PACKING ROOM	400 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
ICE STOCK ROOM	60 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
MATURE ROOM	150 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
PRODUCT PACKING STORE	120 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
DOMESTIC PRODUCT PACKING ROOM	90 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
AUTOMATIC EVISCERAATION ROOM	300 Sqm.

B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
BOILER BLEEDING ROOM	200 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
BLEEDING ROOM	120 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
CHILLER ROOM	300 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
CUT-UP ROOM	2000 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
PM ROOM	800 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
YAKITORI ROOM	500 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
OVEN ROOM	600 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
PREMIX ROOM	250 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
CHILL INGREDIENT STORE	300 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
STEAM ROOM	80 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
VEGETABLE CHILL ROOM	60 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
TUMBLING ROOM	150 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
QUICK CHILL ROOM	140 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
WASTE ROOM	80 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
CHEMICAL ROOM	50 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
PLASTIC BAG STORE	150 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	

VEGETABLE STORE	80 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
VEGETABLE PREPARATION ROOM	90 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
RAW MEAT STORE	90 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
GARBAGE ROOM	70 Sqm.
B.FOODS PRODUCT INTERNATIONAL CO.,LTD.	
IQF WASHING ROOM	80 Sqm.

REFERENCES 2



BETTER FOODS CO., LTD.	
LOADING AREA	200 Sqm.
BETTER FOODS CO., LTD.	
COLDSTORAGE ROOM	150 Sqm.
BETTER FOODS CO., LTD.	
ANTY ROOM	120 Sqm.
BETTER FOODS CO., LTD.	
FINISHED PRODUCT ROOM	80 Sqm.
BETTER FOODS CO., LTD.	
CARTON STORE	100 Sqm.
BETTER FOODS CO., LTD.	
CARTON PREPARING	80 Sqm.
BETTER FOODS CO., LTD.	

CHILL ROOM	100 Sqm.
BETTER FOODS CO., LTD.	
TROLLEY CLEANING ROOM	50 Sqm.
BETTER FOODS CO., LTD.	
PACKAGING ROOM	2000 Sqm.
BETTER FOODS CO., LTD.	
INTENCIVE COOLING	100 Sqm.
BETTER FOODS CO., LTD.	
PASTEURIZATION ROOM	100 Sqm.
BETTER FOODS CO., LTD.	
PRODUCT PACKING STORE	1200 Sqm.
BETTER FOODS CO., LTD.	
OVEN ROOM	250 Sqm.
BETTER FOODS CO., LTD.	
PREMIX ROOM	150 Sqm.
BETTER FOODS CO., LTD.	
CHILL INGREDIENT STORE	50 Sqm.
BETTER FOODS CO., LTD.	
STEAM ROOM	70 Sqm.
BETTER FOODS CO., LTD.	
VEGETABLE CHILL ROOM	60 Sqm.
BETTER FOODS CO., LTD.	
QUICK CHILL ROOM	120 Sqm.
BETTER FOODS CO., LTD.	
WASTE ROOM	60 Sqm.
BETTER FOODS CO., LTD.	
VEGETABLE STORE	80 Sqm.
BETTER FOODS CO., LTD.	
VEGETABLE PREPARATION ROOM	70 Sqm.
BETTER FOODS CO., LTD.	
RAW MEAT STOR	60 Sqm.
BETTER FOODS CO., LTD.	
PRE-COOKING AREA	1200 Sqm.

BETTER FOODS CO., LTD.	
BOWL CUTTER ROOM	250 Sqm.
BETTER FOODS CO., LTD.	
KAKUNI ROOM	80 Sqm.
BETTER FOODS CO., LTD.	
INGREDIENT STORE	120 Sqm.
BETTER FOODS CO., LTD.	
BATCHING ROOM	60 Sqm.
BETTER FOODS CO., LTD.	
FLOUR STORE	200 Sqm.
BETTER FOODS CO., LTD.	
DEBONING ROOM	120 Sqm.
BETTER FOODS CO., LTD.	
CARCASS CHILL ROOM	200 Sqm.
BETTER FOODS CO., LTD.	
BALLS FORMING ROOM	180 Sqm.

REFERENCES 3



BETAGRO DAINIPPON TECHNO -EX CO.,LTD.	
LOADING AREA	100 Sqm.
BETAGRO DAINIPPON TECHNO -EX CO.,LTD.	
CHILL ROOM	120 Sqm.

REFERENCES 4



AJINOMOTO (THAILAND) CO., LTD.		
FREEZER ROOM		500 Sqm.
AJINOMOTO (THAILAND) CO., LTD.		
ANTY ROOM		300 Sqm.
AJINOMOTO (THAILAND) CO., LTD..		
PRODUCTION LINE		300 Sqm.
AJINOMOTO (THAILAND) CO., LTD.		
COLDSTORAGE ROOM		100 Sqm.

REFERENCES 5



BETAGRO AGRO-GROUP PUBLIC COMPANY LIMITED.		
ROAD		1500 Sqm.

REFERENCES 6



BETAGRO SAFETY MEAT PACKING COMPANY LIMITED.	
คอกพักสุกร	1500 Sqm.
BETAGRO SAFETY MEAT PACKING COMPANY LIMITED.	
ห้องลวกขนสุกร	500 Sqm.
BETAGRO SAFETY MEAT PACKING COMPANY LIMITED.	
FREEZER ROOM	150 Sqm.
BETAGRO SAFETY MEAT PACKING COMPANY LIMITED.	
ANTY ROOM	300 Sqm.
BETAGRO SAFETY MEAT PACKING COMPANY LIMITED.	
COLDSTORAGE ROOM	400 Sqm.
BETAGRO SAFETY MEAT PACKING COMPANY LIMITED.	
PRODUCTION LINE	500 Sqm.
BETAGRO SAFETY MEAT PACKING COMPANY LIMITED.	
LOADING AREA	300 Sqm.
BETAGRO SAFETY MEAT PACKING COMPANY LIMITED.	
ห้องล้างเครื่องในขาว	150 Sqm.

REFERENCES 7



S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
PREMIX ROOM	80 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
MEAT ROOM	60 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
STEAM ROOM	90 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
VEGETABLE ROOM	60 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
VEGETABLE PREPARATION	70 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
WASTE ROOM	80 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
ANTY ROOM	250 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
CHILL INGREDIENT STORE	70 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
FREEZER ROOM	300 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
COLDSTORAGE ROOM	500 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
COOKING ROOM	2000 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
ทางเดิน	120 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
ห้องขนมไทย	50 Sqm.

S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
ห้องรับผัก	50 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
ลานรับวัตถุดิบ	90 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
ห้องทอด	60 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
ห้องทำละลาย	60 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
ห้องนึ่งข้าว	50 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED..	
ห้องเก็บอุปกรณ์	40 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
CARTON ROOM	100 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
CARTON PREPARATION	140 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
ห้องสติ๊กเกอร์	100 Sqm.
S.KHONKAEN FOOD INDUSTRY PUBLIC COMPANY LIMITED.	
ลานโหลดสินค้า	150 Sqm.

REFERENCES 8



CHAROEN POKPHAND FOODS PCL.	
FREEZER ROOM	150 Sqm.
CHAROEN POKPHAND FOODS PCL.	
ANTY ROOM 1	300 Sqm.
CHAROEN POKPHAND FOODS PCL.	
CHILL RAWMATERIAL	1000 Sqm.
CHAROEN POKPHAND FOODS PCL.	
LOADING AREA	500 Sqm.
CHAROEN POKPHAND FOODS PCL.	
COLDSTORAGE ROOM	500 Sqm.
CHAROEN POKPHAND FOODS PCL.	
ANTY ROOM 2	600 Sqm.
CHAROEN POKPHAND FOODS PCL.	
FINISHED PRODUCT ROOM	400 Sqm.
CHAROEN POKPHAND FOODS PCL.	
CARTON STORE	300 Sqm.
CHAROEN POKPHAND FOODS PCL.	
CARTON PREPARING	350 Sqm.
CHAROEN POKPHAND FOODS PCL.	
CHILL ROOM	400 Sqm.
CHAROEN POKPHAND FOODS PCL.	
TROLLEY CLEANING ROOM	120 Sqm.
CHAROEN POKPHAND FOODS PCL.	
PACKAGING ROOM	700 Sqm.
CHAROEN POKPHAND FOODS PCL.	
PRODUCT PACKING STORE	500 Sqm.

CHAROEN POKPHAND FOODS PCL.		
OVEN ROOM		120 Sqm.
CHAROEN POKPHAND FOODS PCL.		
PREMIX ROOM		500 Sqm.
CHAROEN POKPHAND FOODS PCL.		
CHILL INGREDIENT STORE		400 Sqm.
CHAROEN POKPHAND FOODS PCL.		
STEAM ROOM		200 Sqm.
CHAROEN POKPHAND FOODS PCL.		
VEGETABLE CHILL ROOM		150 Sqm.
CHAROEN POKPHAND FOODS PCL.		
QUICK CHILL ROOM		240 Sqm.
CHAROEN POKPHAND FOODS PCL..		
WASTE ROOM		50 Sqm.
CHAROEN POKPHAND FOODS PCL.		
VEGETABLE STORE		80 Sqm.
CHAROEN POKPHAND FOODS PCL.		
VEGETABLE PREPARATION ROOM		160 Sqm.
CHAROEN POKPHAND FOODS PCL.		
RAW MEAT STORE		60 Sqm.
CHAROEN POKPHAND FOODS PCL.		
PRE-COOKING AREA		800 Sqm.
CHAROEN POKPHAND FOODS PCL.		
INGREDIENT STORE		600 Sqm.
CHAROEN POKPHAND FOODS PCL.		
FLOUR STORE		500 Sqm.

REFERENCES 9



บริษัทบางกอก คาซ่า จำกัด (คลังสินค้าบางบอน)

WEAR HOUSE

30,000 Sqm.

REFERENCES 10



บริษัท ไทยเพรสซิเดนท์ฟู้ดส์ จำกัด (มหาชน)
THAI PRESIDENT FOODS
PUBLIC COMPANY LIMITED

THAI PRESIDENT FOODS PUBLIC COMPANY LIMITED

ห้องเก็บน้ำมัน

100 Sqm.

THAI PRESIDENT FOODS PUBLIC COMPANY LIMITED

ห้องเครื่องปรุง

600 Sqm.

THAI PRESIDENT FOODS PUBLIC COMPANY LIMITED

ห้องเจียน้ำมัน

300 Sqm.

THAI PRESIDENT FOODS PUBLIC COMPANY LIMITED

ห้องรับผัก

120 Sqm.

THAI PRESIDENT FOODS PUBLIC COMPANY LIMITED

ห้องเก็บน้ำพริกเผา

200 Sqm.

THAI PRESIDENT FOODS PUBLIC COMPANY LIMITED

ห้องอบพริก

400 Sqm.

THAI PRESIDENT FOODS PUBLIC COMPANY LIMITED

ห้องเก็บเครื่องปรุง	300 Sqm.
THAI PRESIDENT FOODS PUBLIC COMPANY LIMITED	
PACKING ROOM	500 Sqm.
THAI PRESIDENT FOODS PUBLIC COMPANY LIMITED	
ห้องแช่คั่วน้ำมัน	50 Sqm.

REFERENCES 11



TEP KINSHO FOOD CO., LTD.	
อาคารผลิต 1 ชั้น 1	1200 Sqm.
TEP KINSHO FOOD CO., LTD.	
อาคารผลิต 1 ชั้น 2	500 Sqm.
TEP KINSHO FOOD CO., LTD.	
อาคารผลิต 2 ชั้น 1	1000 Sqm.
TEP KINSHO FOOD CO., LTD.	
อาคารผลิต 2 ชั้น 2	300 Sqm.
TEP KINSHO FOOD CO., LTD.	

REFERENCES 12



GFPT PUBLIC COMPANY LIMITED.	
FREEZER ROOM	200 Sqm.
GFPT PUBLIC COMPANY LIMITED.	
ANTY ROOM	500 Sqm.
GFPT PUBLIC COMPANY LIMITED.	
COLDSTORAGE ROOM	250 Sqm.
GFPT PUBLIC COMPANY LIMITED.	
PRE-COOKING AREA	500 Sqm.
GFPT PUBLIC COMPANY LIMITED.	
TROLLEY CLEANING ROOM	150 Sqm.
GFPT PUBLIC COMPANY LIMITED.	
CARTON STORE	200 Sqm.
GFPT PUBLIC COMPANY LIMITED.	
LOADING AREA	600 Sqm.
GFPT PUBLIC COMPANY LIMITED.	
PRODUCTION LINE	1200 Sqm.

REFERENCES 13



Asia Pacific (Thailand) CO., LTD.	
PRODUCTION LINE	300 Sqm.
Asia Pacific (Thailand) CO., LTD..	
LOADING AREA	200 Sqm.
Asia Pacific (Thailand) CO., LTD.	
FREEZER ROOM	150 Sqm.
Asia Pacific (Thailand) CO., LTD.	
ANTY ROOM	120 Sqm.
Asia Pacific (Thailand) CO., LTD.	
LOADING AREA	250 Sqm.

REFERENCES 14

WANN FISHERIES COMPANY LIMITED.	
FREEZER ROOM	100 Sqm.

REFERENCES 15

GRAMPIAN FOODS SIAM LIMITED.	
PRODUCTION LINE	1200 Sqm.
GRAMPIAN FOODS SIAM LIMITED.	
FREEZER ROOM	200 Sqm.
GRAMPIAN FOODS SIAM LIMITED.	
ANTY ROOM	250 Sqm.

REFERENCES 16



SUNFOODS INTERNATIONAL CO., LTD.	
CUT-UP ROO	500 Sqm.
SUNFOODS INTERNATIONAL CO., LTD.	
CHILL ROOM	200 Sqm.
SUNFOODS INTERNATIONAL CO., LTD..	
BOILER BLEEDING ROOM	350 Sqm.
SUNFOODS INTERNATIONAL CO., LTD.	
BLEEDING ROOM	150 Sqm.
SUNFOODS INTERNATIONAL CO., LTD.	
CHILLER ROOM	250 Sqm.

REFERENCES 17



IMG FROZEN FOODS CO.,LTD.	
PRODUCTION LINE	1600 Sqm.
IMG FROZEN FOODS CO.,LTD.	
COLDSTORAGE ROOM	150 Sqm.

REFERENCES 18



RAMA GARDENS HOTEL BANGKOK.	
WASTE ROOM	80 Sqm.
RAMA GARDENS HOTEL BANGKOK.	
WIING A	2500 Sqm.
RAMA GARDENS HOTEL BANGKOK	
WIING B	2500 Sqm,
RAMA GARDENS HOTEL BANGKOK	
WIING C	2500 Sqm.
RAMA GARDENS HOTEL BANGKOK	
WIING D	2500 Sqm.

