



A partner you can trust



Our Vision

To gain superiority and leading position in the float glass industry worldwide.

Our Mission

To provide excellent product quality by applying the state of the art technologies in float glass production.

Our Values

We carry out business with highest standards of respect, integrity and fairness.

Obeikan Glass Company

Obeikan Glass Company is a new manufacturing operation for Obeikan Investment Group. It commenced its operations in February 2011.

The state of the art manufacturing facility is located in Yanbu Industrial City. It was designed and commissioned by Fives Stein, a French company with worldwide recognition for excellence in glass plant construction.

Obeikan Glass Company is the largest manufacturing facility of its kind in the Middle East region with a manufacturing capacity of 800 tons per day. We are able to produce clear and tinted float glass of international quality standards, in a range of thickness from 3mm to 15mm. Now we are exporting to more than 30 countries worldwide including Europe.



Obeikan Glass Plant, Yanbu, Kingdom of Saudi Arabia.

Our Plant

Where is the plant located?

The facility is located in Yanbu, Kingdom of Saudi Arabia.

What is the site area?

The total area of site is 378,000 sq.meters.

What is the total project cost?

The total project cost is approx \$180M.

What is the current capacity of the plant?

The current capacity of the plant is 800 tones per day.

What is the current capability of the plant?

Our furnace capability is:

Thickness - 3mm to 15mm

Width - 1220mm to 3660mm

Length - 900mm to 6100mm

Who are the technical partners?

Obeikan Glass Company has tied up with renowned international suppliers for design, equipment and installation of:

Batch Plant - Zippe, Germany

Furnace - Fives Stein, France

Tin Bath - Fives Stein, Belgium

Annealing Lehr - Fives Stein, France

Inspection - ISRA Vision, Germany

Cutting Line - Grenzebach, Germany

Packing - TMB, Germany



Our Product and Quality

What are the products that can be made in plant?

OGC Float's integrated plant is designed to provide:

Clear Float glass
Tinted Float glass
Coating, Mirror and Laminate quality glass
Extra Clear glass
Automotive glass

What are the products that are currently been made?

Currently we are making clear and tinted float glass for architectural segment.

What product standards are being complied with?

OGC Float subscribes to international product standards:

EN Standard
JIS Standard
Australian Standard

What type of certifications do we have?

OGC holds the below mentioned certification:
CE Mark Certification

What are the inspection equipments installed?

The following equipments help us in providing best quality glass to our customers:

Equipment Name	Supplier Name	Supplier Country	Function of Equipment	Type
Float scan Smart	Isra Vision	Germany	Detection of defects in glass ribbon	Automatic-On Line
Float scan Cold Gauge and Stress	Isra Vision	Germany	Measurement of thickness and stress in glass ribbon	Automatic-On Line
Geometric Inspection system	Grenzebach	Germany	Dimensional measurement of glass cut sheets	Automatic-On Line
Visible Transmittance Instrument	Hunter Lab	USA	VLT measurement	Automatic-Off Line
WDXRF	Rigaku	Japan	Analysis of glass and raw materials	Automatic-Off Line



Our Product Line

Obeikan Clear Float Glass

We manufacture world class quality clear float glass with a lustrous finish which has excellent functional properties clarity, uniform thickness, scratch resistance, bubble free and devoid of distortion.

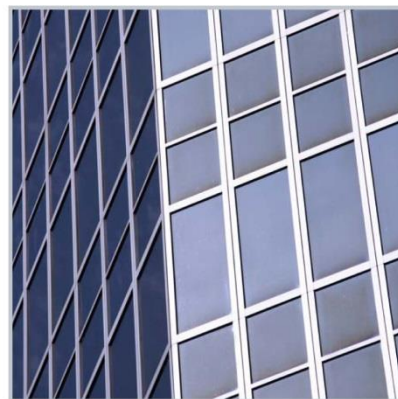


Obeikan Tinted Float Glass

Obeikan Tinted float glass provides solar control by absorbing part of the sun's direct radiation. The unique tints improve solar control properties combined with significant reduction in UV transmission and glare from direct sunlight.



- Obeikan Bronze Float Glass
- Obeikan Grey Float Glass
- Obeikan Green Float Glass



Performance Parameters

Obeikan Clear Float Glass

Glass Type	Thickness (MM)	UV Trans %	Visible Light Trans. %		Solar Direct Energy %			(g)	SC	U value W/M²K	SHGC
		tuv	tv	pv	te	inside (pe)	outside (pe)				
CLEAR	3	63	90.4	9	86	8	8	87	1	5.85	0.86
	4	62	90	9	86	8	8	87	1	5.8	0.86
	5	62	90	9	86	8	8	87	1	5.8	0.86
	6	55	90	9	83	8	8	85	0.98	5.7	0.84
	8	50	89	9	80	8	8	83	0.96	5.66	0.83
	10	48	88	9	78	8	8	82	0.94	5.6	0.81
	12	45	88	9	76	8	8	80	0.92	5.5	0.79

Notified Testing Body For Clear Glass: By TUV Rhineland, Germany

EN410-2011: Spectrophotometric Values

Obeikan Bronze Float Glass

Glass Type	Thickness (MM)	UV Trans %	Visible Light Trans. %		Solar Direct Energy %		U value W/M²K	(g)	SC	SHGC
		tuv	tv	pv	te	outside (pe)				
BRONZE	4	34.5	62.5	6.5	59.5	7	5.8	0.69	0.8	0.69
	5	26.5	57	6	54	6	5.7	0.65	0.76	0.65
	6	24	52.5	7.1	49	5.75	5.73	0.64	0.72	0.62
	8	17	42.7	5.5	39.1	5.3	5.66	0.55	0.64	0.55
	10	13.8	37.2	5.2	33.5	5	5.61	0.53	0.6	0.52
	12	9.5	26.85	5.05	23.75	5	5.52	0.47	0.53	0.46

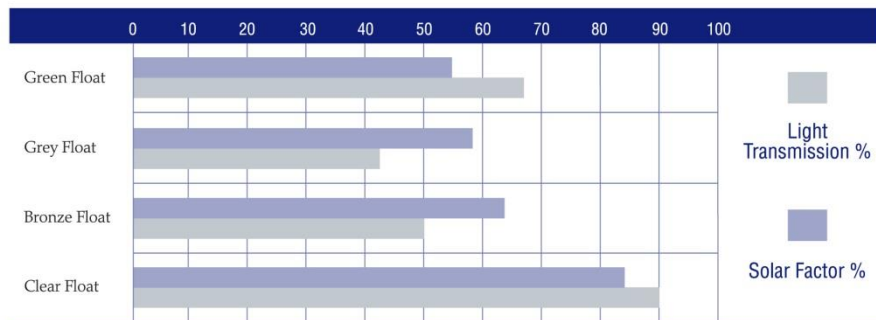
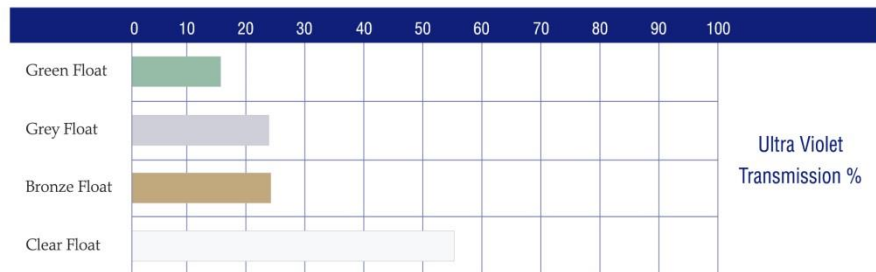
Obeikan Grey Float Glass

Glass Type	Thickness (MM)	UV Trans %	Visible Light Trans. %		Solar Direct Energy %		U value W/M²K	(g)	SC	SHGC
		tuv	tv	pv	te	outside (pe)				
GREY	4	30	54.9	5.85	54.5	5.7	5.80	0.65	0.77	0.66
	5	25	48.3	5.75	48.0	5.5	5.75	0.62	0.72	0.62
	6	24	43.0	5.70	42.1	5.2	5.73	0.59	0.67	0.58
	8	17	32.7	5.10	31.5	5.0	5.67	0.52	0.60	0.52
	10	13	27.8	5.00	26.0	5.0	5.62	0.48	0.55	0.47
	12	8	18.1	5.00	17.0	5.0	5.54	0.44	0.49	0.42

Obeikan Green Float Glass

Glass Type	Thickness (MM)	UV Trans %	Visible Light Trans. %		Solar Direct Energy %		U value W/M²K	(g)	SC	SHGC
		tuv	tv	pv	te	outside (pe)				
GREEN	4	24.5	75	7.5	44	5.9	5.80	0.57	0.67	0.58
	5	23.5	74	7.6	42	5.5	5.75	0.55	0.64	0.55
	6	16.0	68	7.0	34	5.0	5.70	0.52	0.62	0.53
tuv : UV Transmittance					Outside (pe) : Solar Direct Reflectance Outside					
tv : Visible Transmittance					(g) : Solar Factor					
pv : Visible Reflectance					(sc) : Shade Coefficient					
te : Solar Direct Transmittance					U value (W/M²K) : As Per EN673					
inside (pe) : Solar Direct Reflectance Inside					inside (pe) : Solar Heat Gain Coefficient					

Obeikan Performance Characteristics



Obeikan Thickness Tolerances as per Standards

Nominal Thickness (mm)	JIS Standard Thickness		EN Standard Thickness	
	Minimum (mm)	Maximum (mm)	Minimum (mm)	Maximum (mm)
3.0	2.70	3.30	2.80	3.20
4.0	3.70	4.30	3.80	4.20
5.0	4.70	5.30	4.80	5.20
5.5	5.20	5.80	5.30	5.70
6.0	5.70	6.30	5.80	6.20
8.0	7.50	8.60	7.70	8.30
10.0	9.50	10.60	9.70	10.30
12.0	11.40	12.60	11.70	12.30

Quality Policy

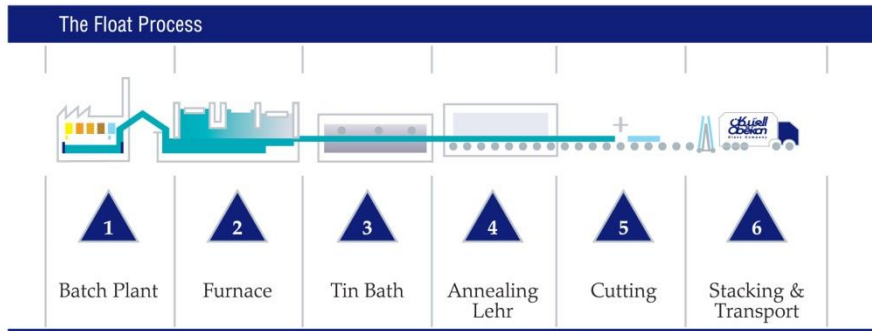
Obeikan Glass Company is committed to satisfy customers requirements by manufacturing and supplying high quality float glass products (Clear & Tinted) and services by practicing world's proven Quality Management System.

OGC strives to enhance its Quality Management System by:

- Applying people, process and product (3P) and reduce, reuse and recycle (3R) concepts in its related activities.
- Setting and review of the quality objectives.
- Commitment to control environment pollution and occupational hazards.
- Commitment to comply with all statutory requirements.
- Commitment to continuously improve the effectiveness through consistent monitoring and review.



Float Glass Applications



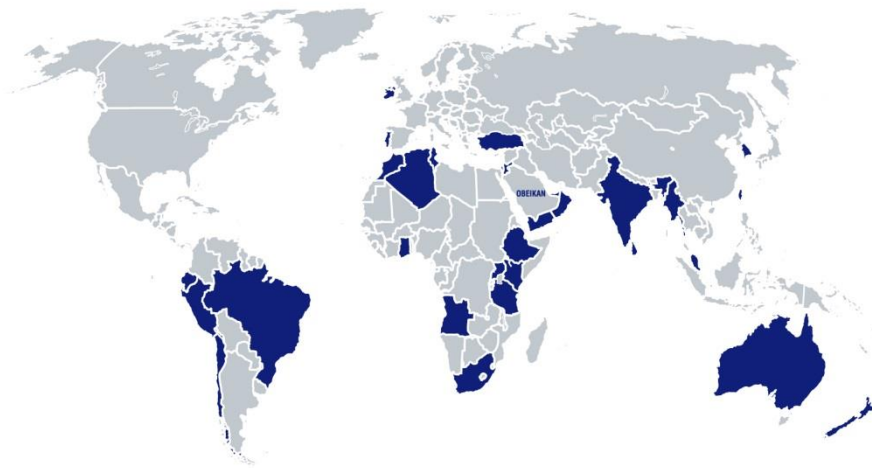
Float Glass is superior in quality when compared to other flat glass and has the unique characteristics of excellent surface finishing, flatness, uniform thickness, high optical quality and bright appearance. The float process was invented in the late 19th century. Float technology has rapidly replaced plate and sheet facilities worldwide in recent decades. Float glass derives its name from the float process used where the molten glass floats on the top of molten tin.

Some Applications of Float Glass :

- Architectural Purposes
- Automotive Glass
- Reflective Glass
- Coated Glass
- Windows
- Mirrors
- Table Tops
- Insulated Glass
- Frameless Doors



Exporting to more than
30 countries worldwide.



Africa	Americas	Oceania	Asia	Europe
Algeria Angola Ethiopia Kenya Morocco South Africa Tanzania Tunisia Uganda Ghana	Brazil Chile Ecuador Peru	Australia New Zealand	Bahrain India Jordan Kuwait Lebanon Malaysia Myanmar Oman Palestine Qatar Singapore South Korea Srilanka Taiwan UAE Yemen	Ireland Portugal Turkey



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