

Mimarlar ve Tasarımcılar için camın ABC & D'si

- pratik önermeler -

ABC & D of glass for Architects and Designers

- practice proposals -

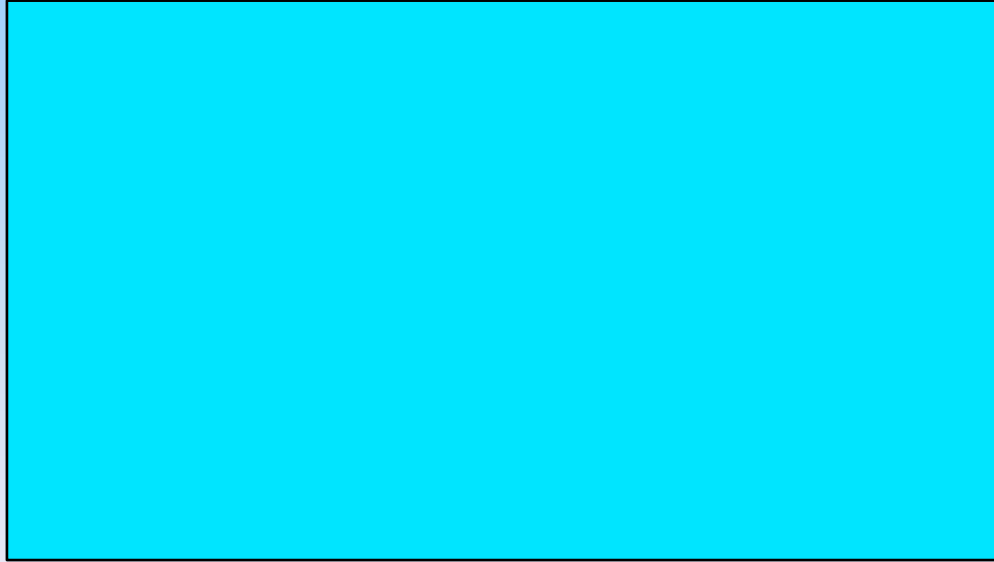
Kayhan Horasan

Cam Yatırımları Danışmanı – Makine Mühendisi
Glass Investments Consultant – Mechanical Engineer

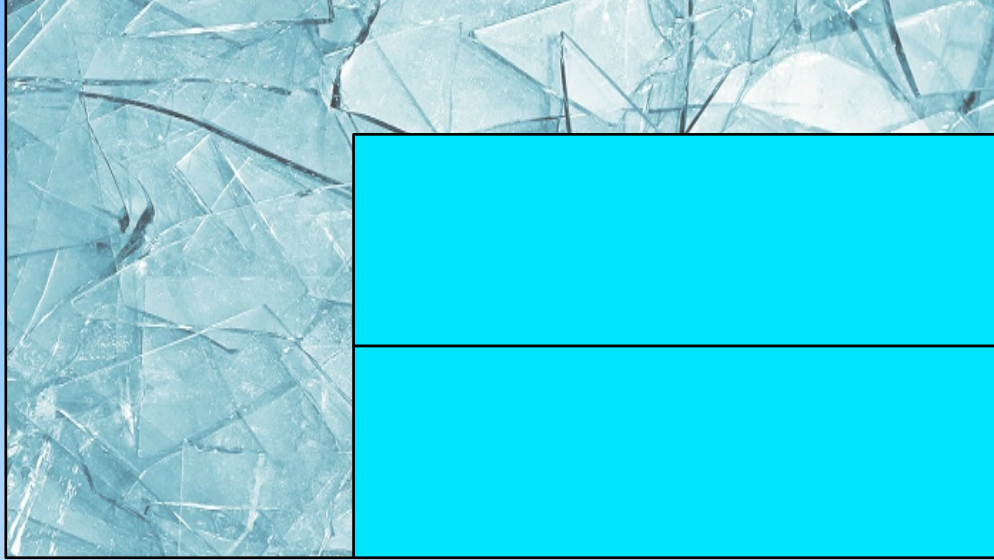
A

Camların Firesiz Kesim ve İşlemesi

Standart cam plaka ölçüsü 3,21 m x 6 m



Projelendirmede Cam Ölçüleri



Proje cam ölçüsü
3,5 m x 1,2 m
Fire % 56



Proje cam ölçüsü
3,15 m x 1,15 m
Fire % 6

Cam İşleme Detayları



Çerçevesiz montaj

kenar işlemesi
parlak düz rodaj



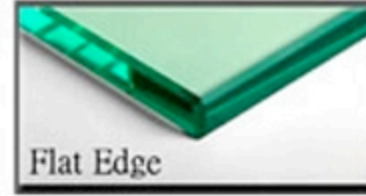
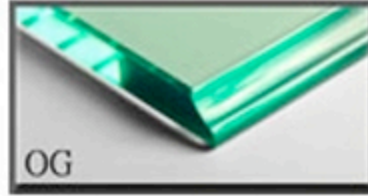
Çerçeve içine montaj

kenar işlemesi
zımbara rodaj



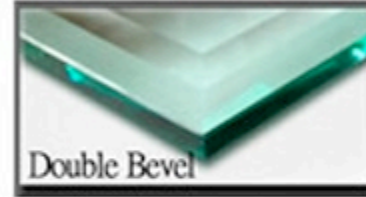
Diğer Cam Kenar İşlemeleri

OG Rodaj
Rodaj



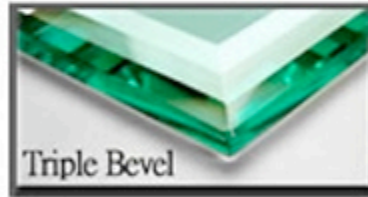
Düz

3'lü OG veya Şelale
Bizote



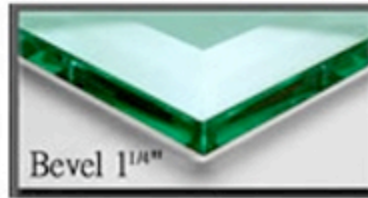
Çift

3'lü Bizote
C



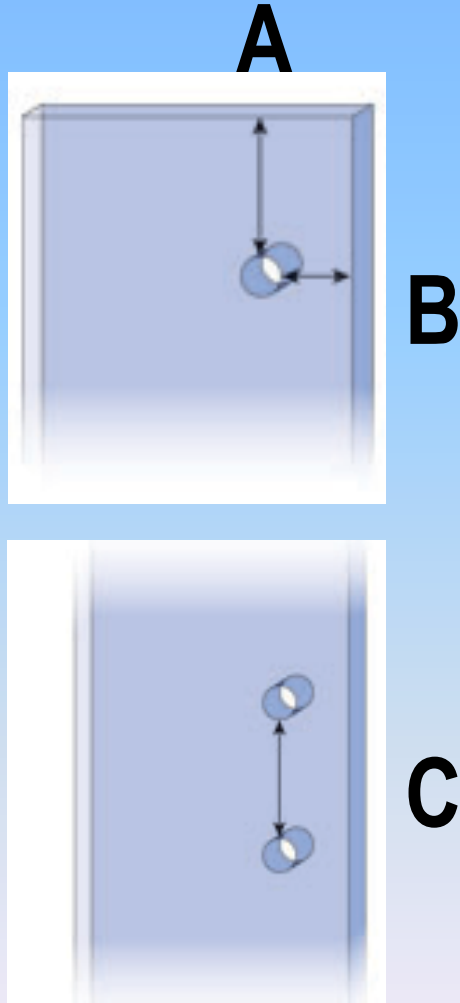
Balıksırtı veya

Bizote
Balıksırtı



Yarım

Cam Delme Kuralları



T = Cam Kalınlığı

$$A \text{ min} = 4 \times T$$

$$B \text{ min} = 2 \times T$$

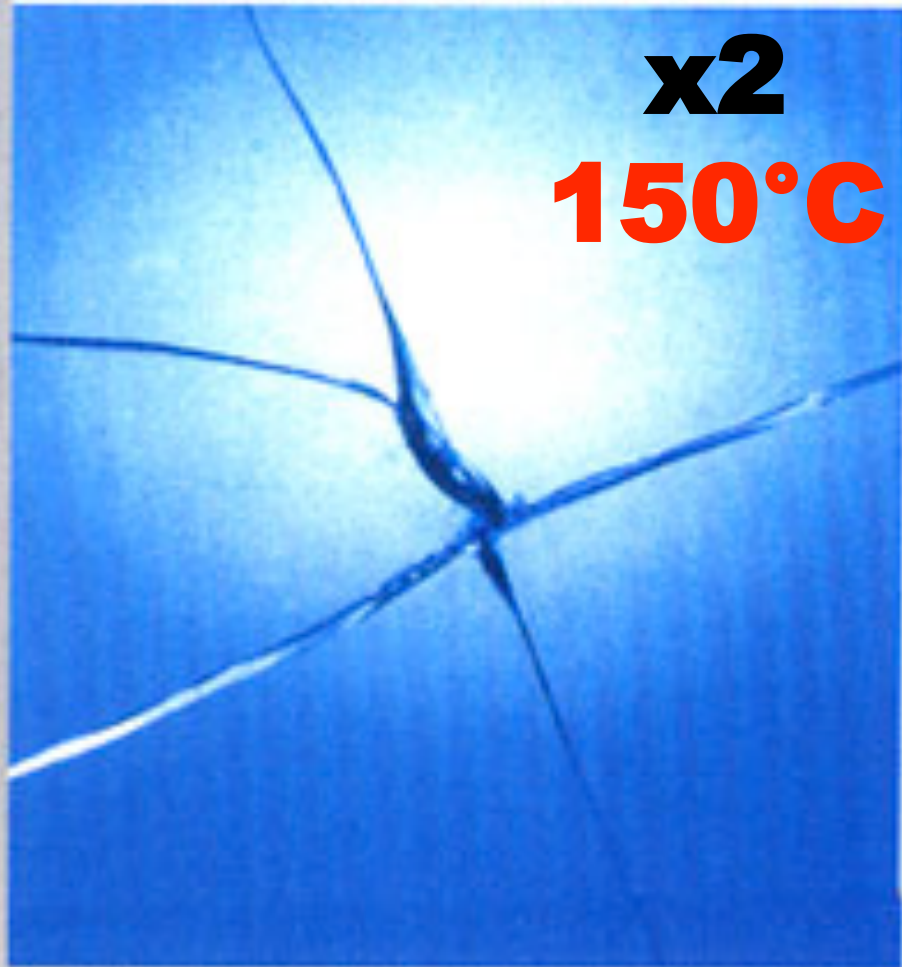
$$C \text{ min} = 4 \times T$$

B

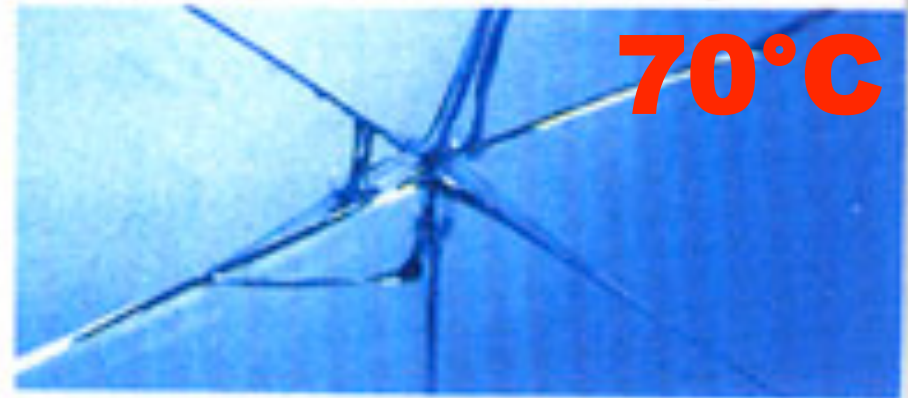
Emniyet Camları

1. Temperli Camlar
2. Yarı Temperli Camlar
3. Lamine Camlar
4. Bunların Kombinasyonları

Semi-tempered
(No independent fragment)



Normal glass (Fragments
independent and sharp)



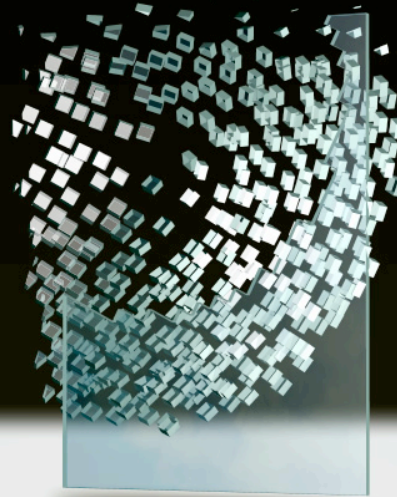
Tempered (Fragments
independent and obtuse)





Annealed Glass

Breaks easily, producing long, sharp splinters



Tempered Glass

Shatters completely under higher levels of impact energy, and few pieces remain in the frame



Laminated Glass

May crack under pressure, but tends to remain integral, adhering to the plastic vinyl interlayer



C

Nerede Hangi Cam

- Temperli Camlar
- Temperli Lamine Camlar
- Yarı Temperli Lamine Camlar
- LowE Camlar

Temperli Camlar



Temperli Camlar



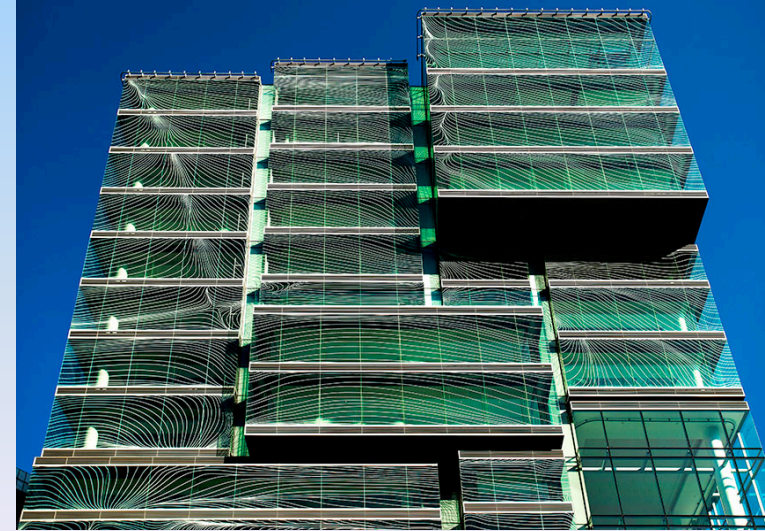
Temperli Lamine Camlar



Yarı Temperli Lamine Camlar



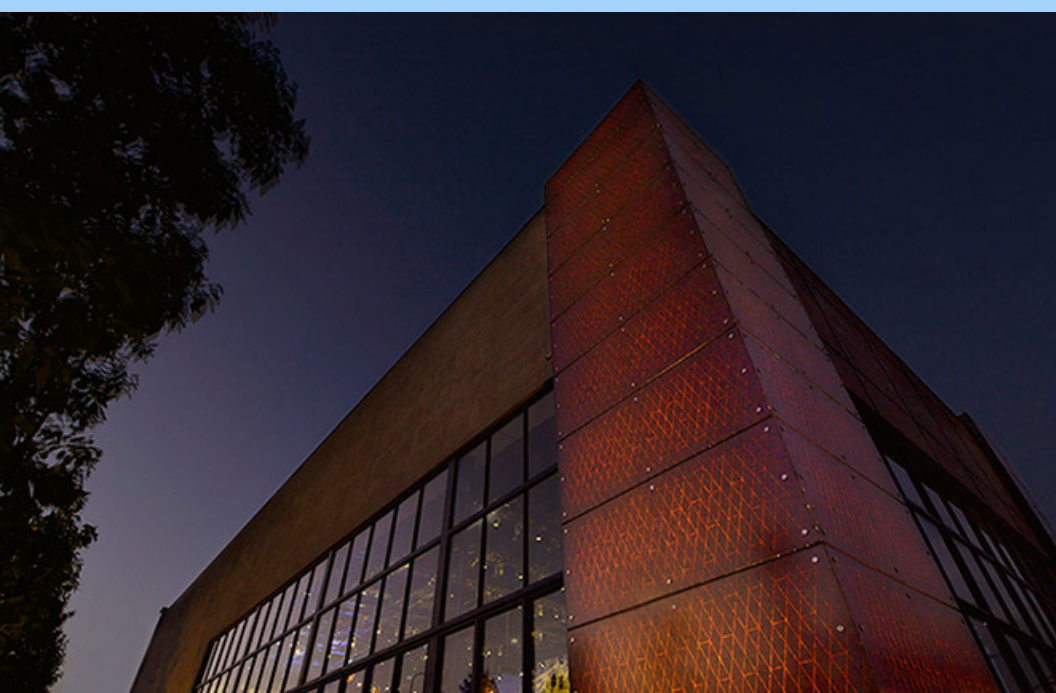
LowE Camlar

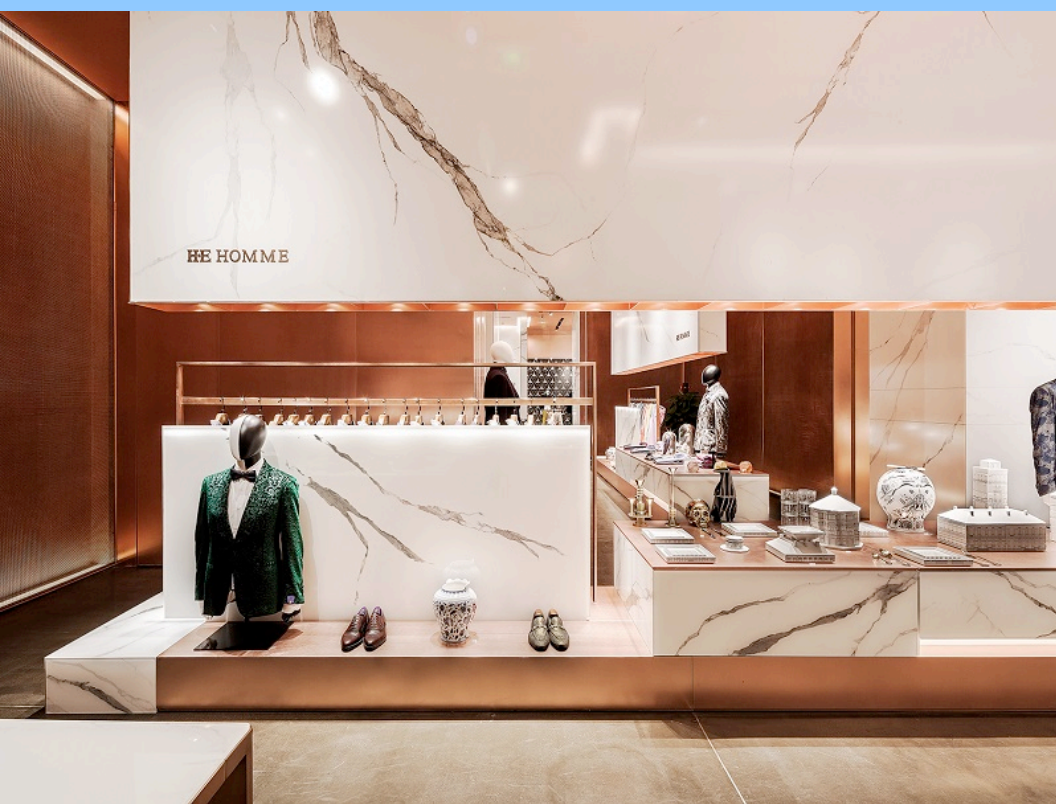


D

Dijital Baskılı Camlar

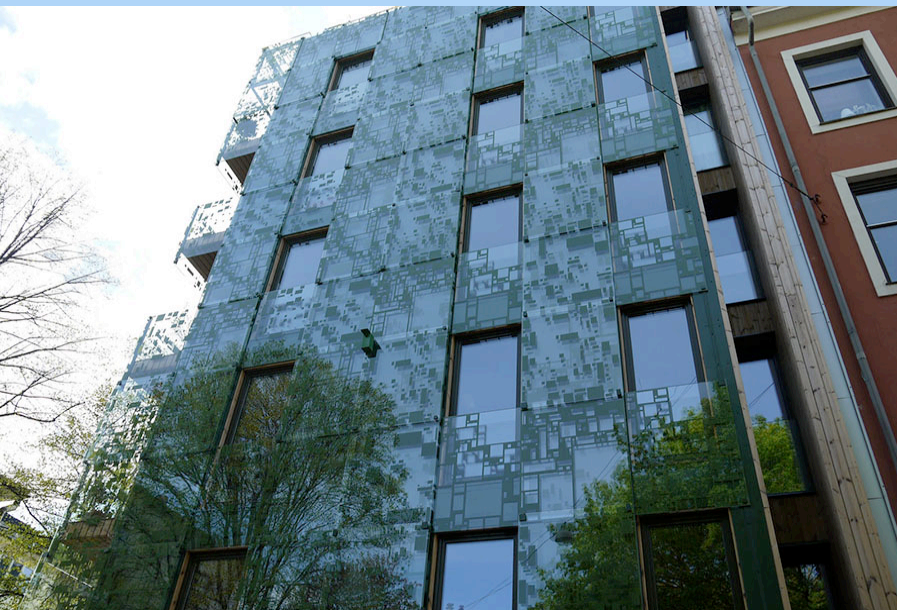
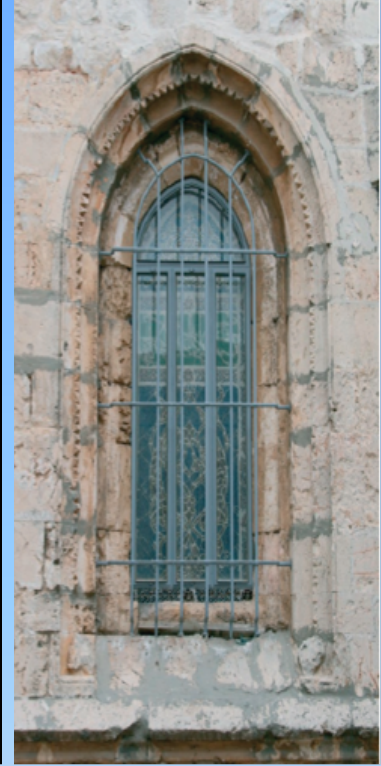
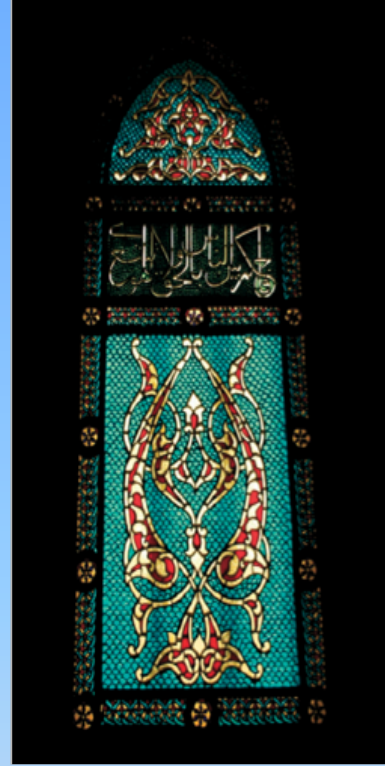
- Estetik
- Mahremiyet
- Enerji Verimliliği
- Gölgeleme
- Renovasyon
- Fonksiyonellik













Dinlediğiniz için teşekkürler

Thank you for listening

Salon 12 - Stand 1201B

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