

**ÇELİK TEL DONATILI
BETONLARIN
UYGULAMA ALANLARI**

UYGULAMA ALANLARI

1-ENDÜSTRİYEL ZEMİNLER

2- PÜSKÜRTME BETON

3- PREKAST

4- YAPISAL KULLANIM

ENDÜSTRİYEL ZEMİNLER



ENDÜSTRİYEL ZEMİNLER



ENDÜSTRİYEL ZEMİNLER





Dramix®

Beton Donatısı İçin Çelik Teller





0800hrs

9 10



20 21



1000 hrs



1600 hrs



1800 hrs

Typical pour cycle

LARGE SLAB POUR





ENDÜSTRİYEL ZEMİNLER





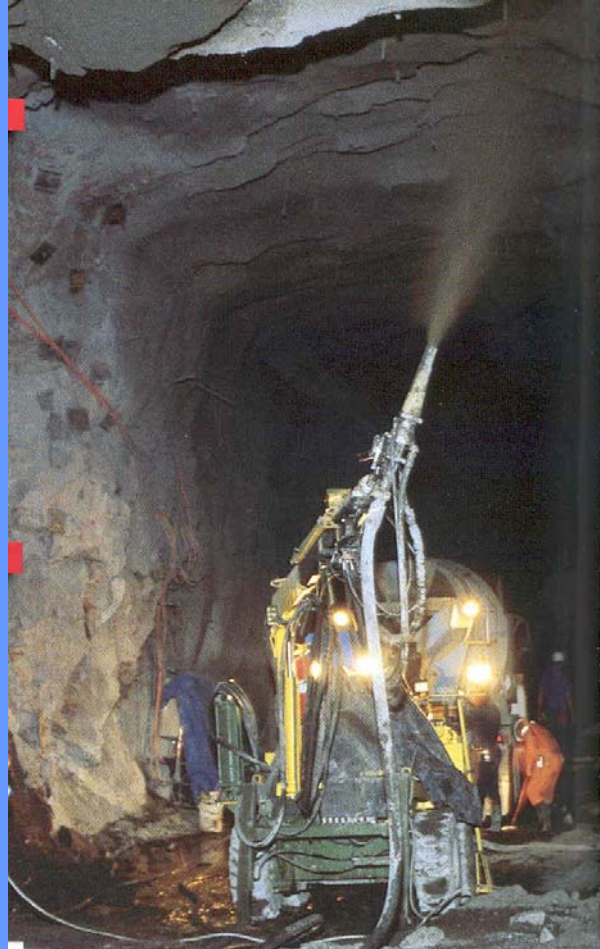


Beton Yollar



19 yıl sonra ...

PÜSKÜRTME BETON





DEMİRYOLU TÜNEL TAMİRİ/UŞAK

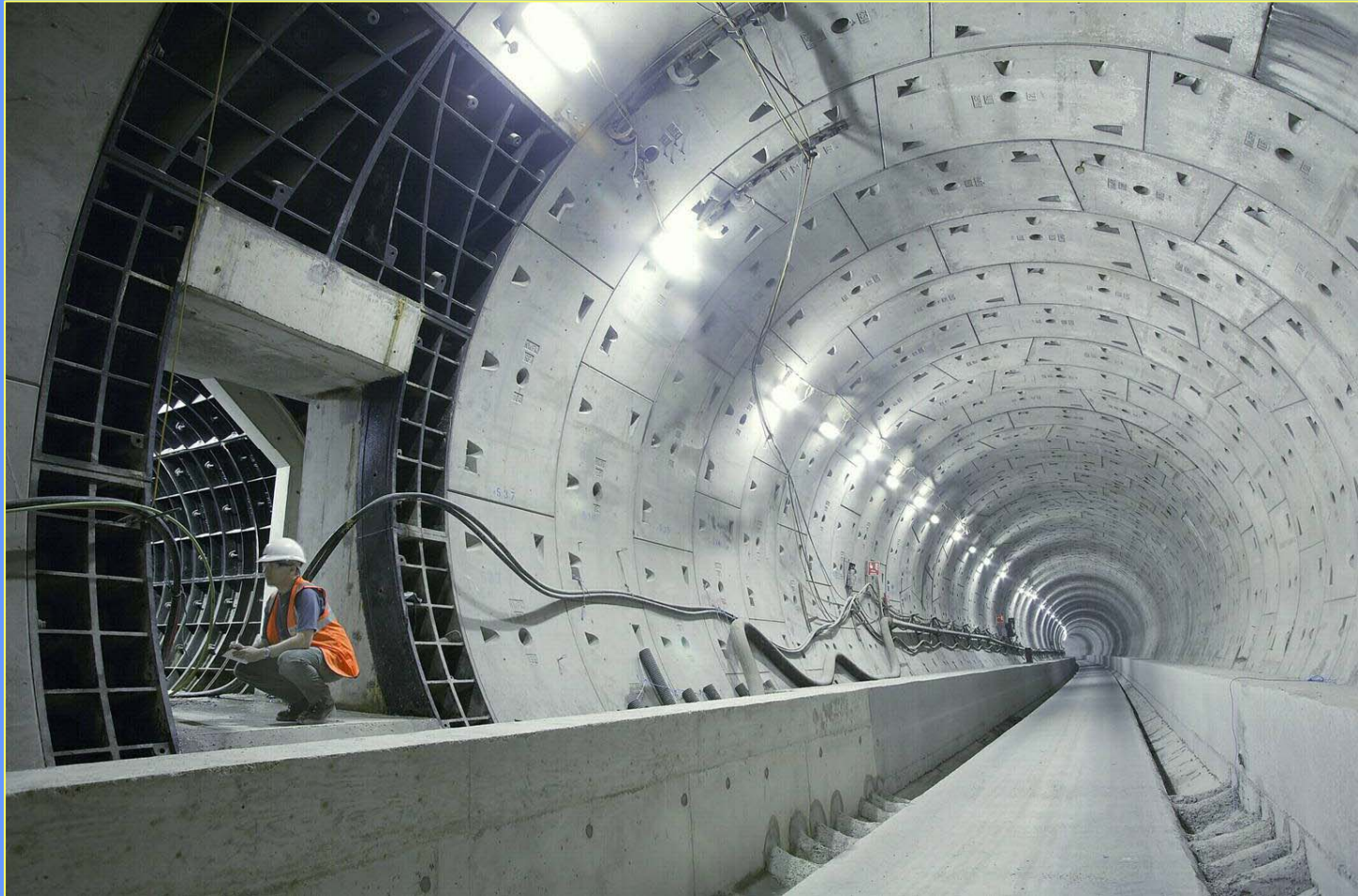
PÜSKÜRTME BETON



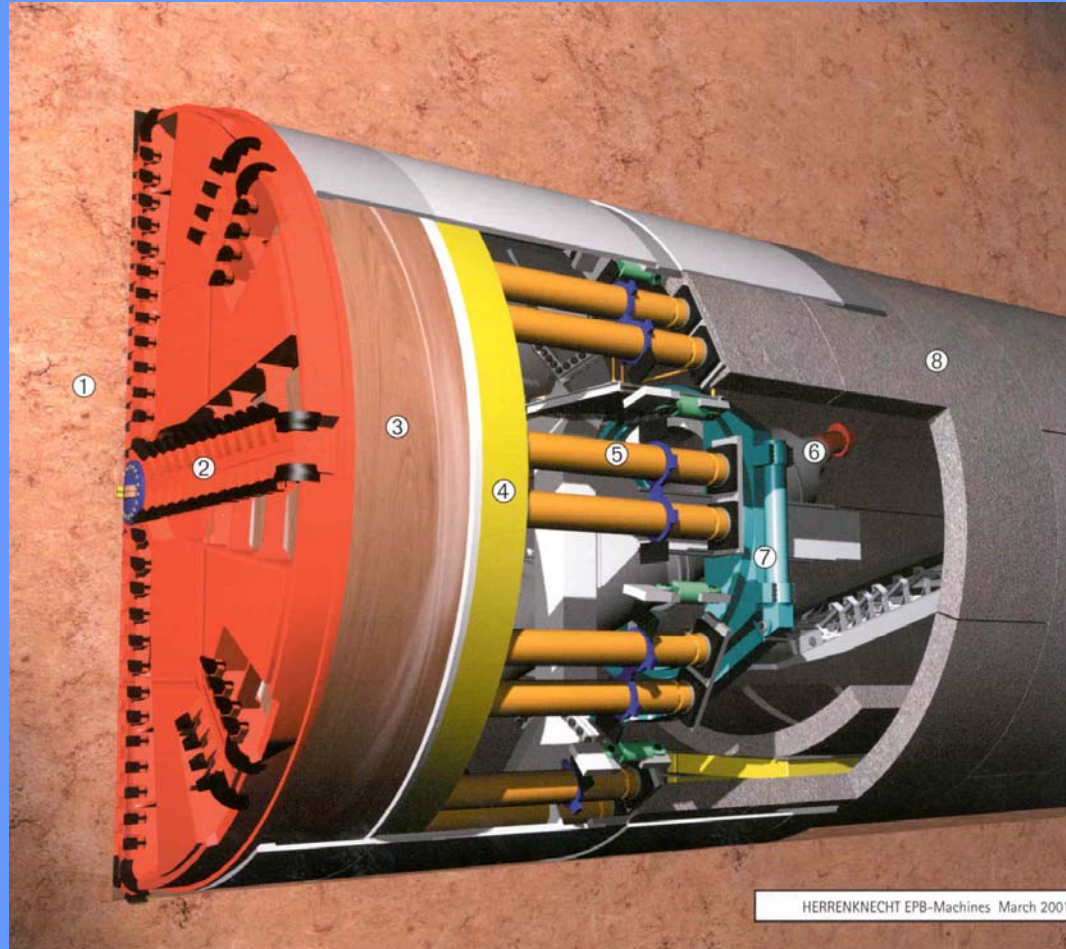




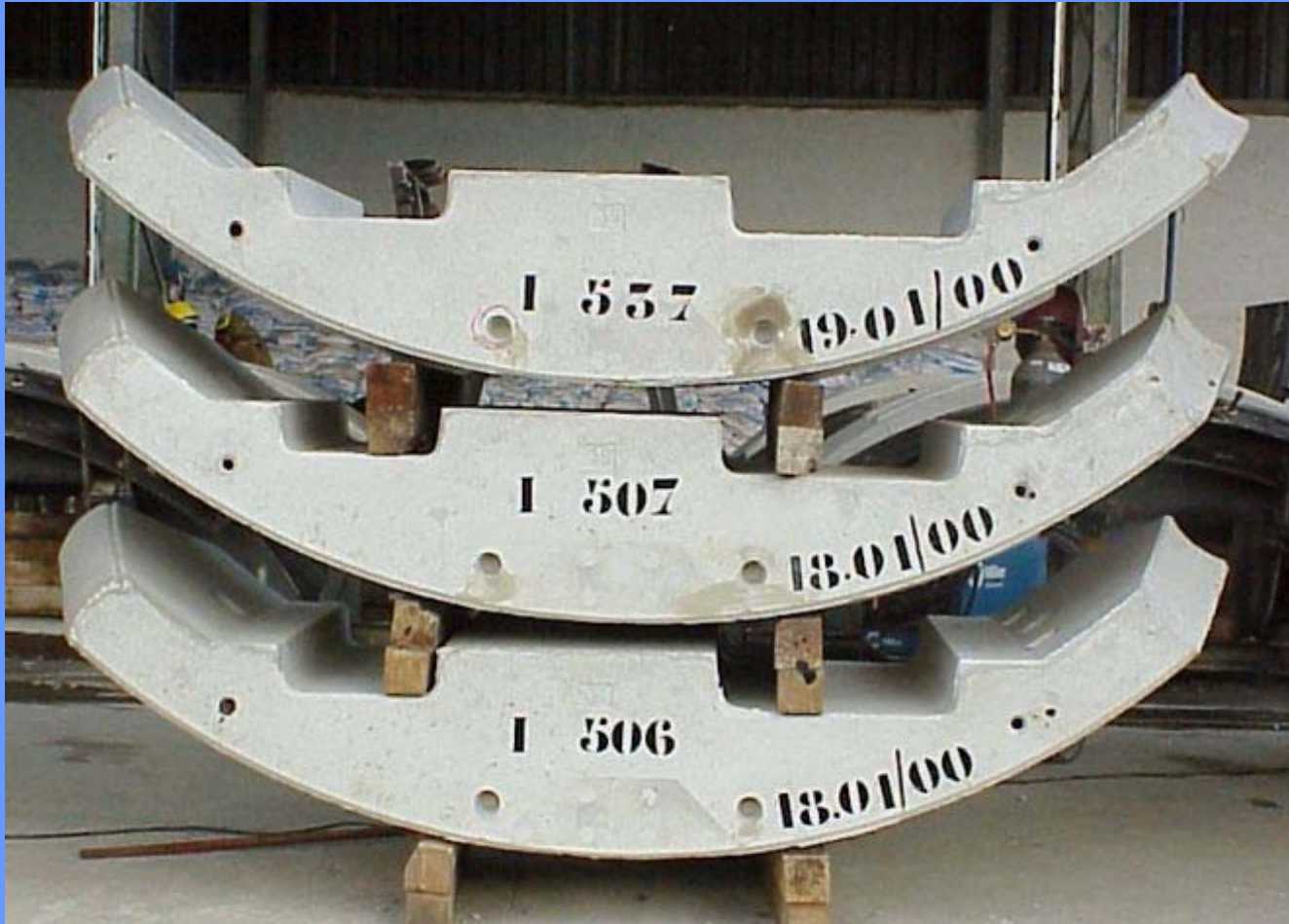
PREKAST SEGMAN



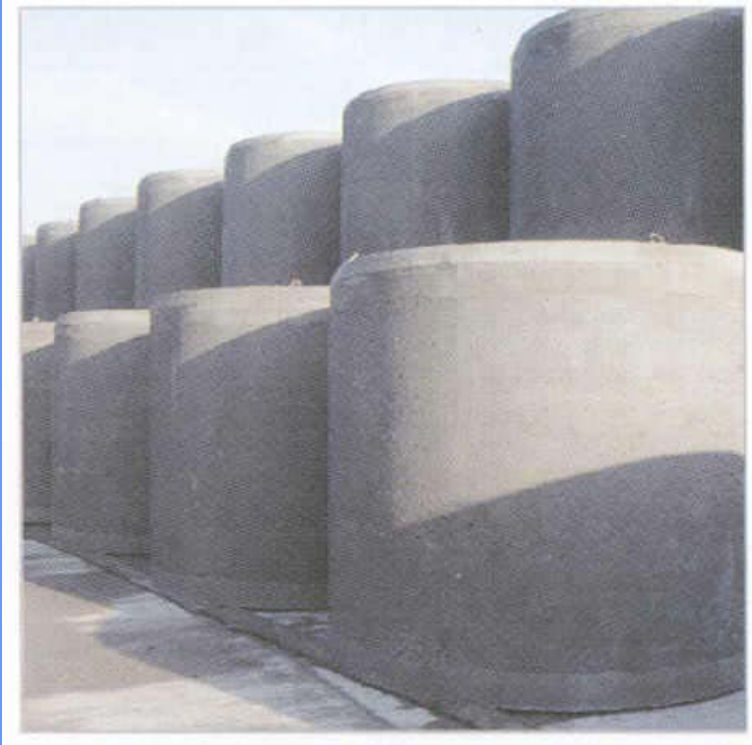
PREKAST SEGMAN



PREKAST SEGMAN



PREKAST





BORU TESTİ (1000 MM)/İZMİR



RÖGAR TABANLARI

Uygulama



YAPISAL KULLANIM

BERKE BARAJI





DERİVASYON TÜNELİ



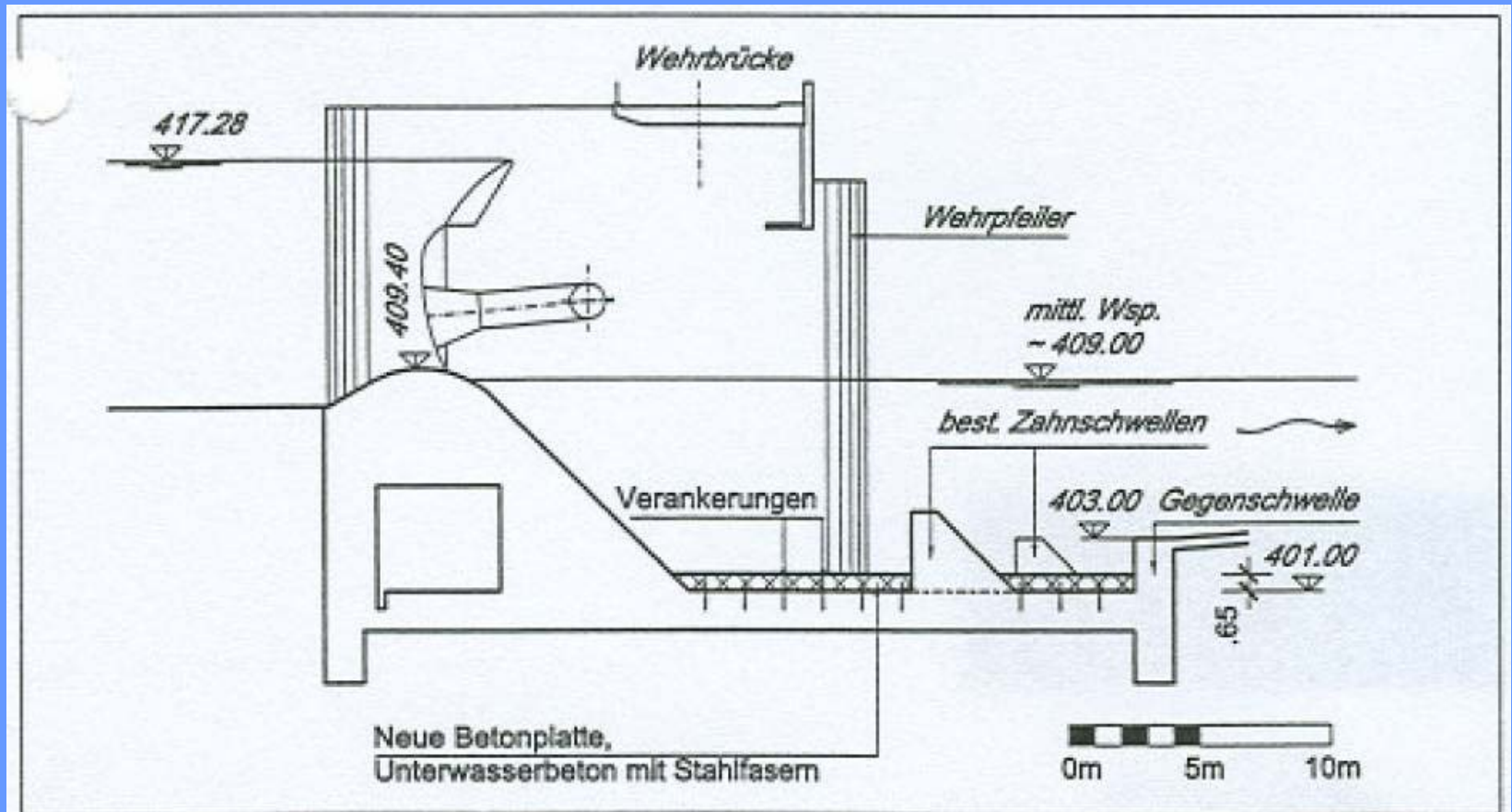
ÖN YÜZÜ BETON KAPLI BARAJLAR



ÖN YÜZÜ BETON KAPLI BARAJ



Hydroelectric Power Plant Bannwil, Switzerland



Schnitt durch Wehr und Tosbecken.





TAM KORUNMALI YAPILAR /SİFKON

SIFCON

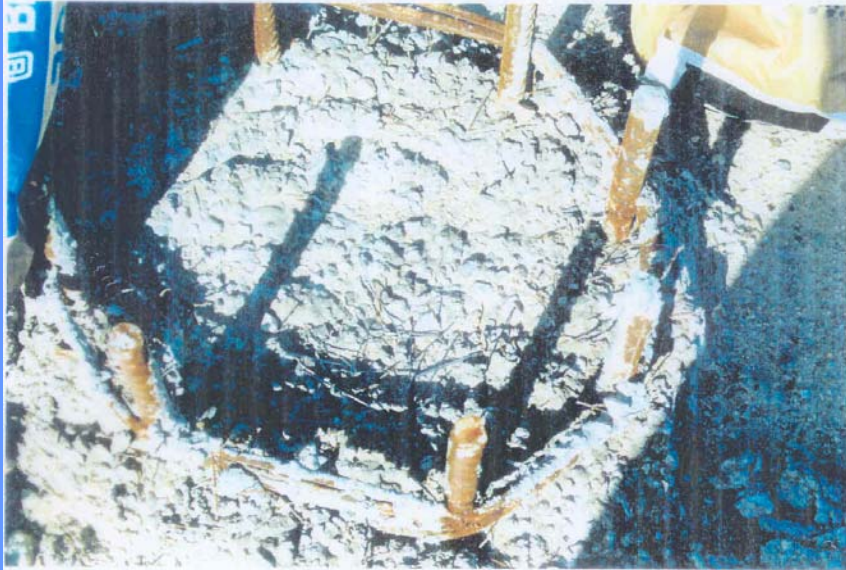


Sifcon jointless topping (Germany)

Güvenlik Duvarı



PILING DEAD SEA WORKS LTD.



İSTON RPC® BACA ELEMANLARI

İSTON RPC® yağmur suyu ızgarası

İSTON RPC® yağmur suyu ızgarası tab



TS 1478 EN 124 D400 SINIFI

Ort. Zımbalama Yüğü : 46ton

RPC



Prekast Cephe Panelleri

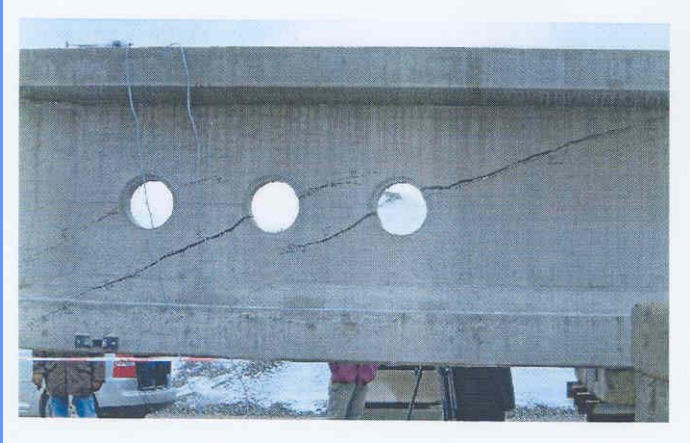




(a)



(b)



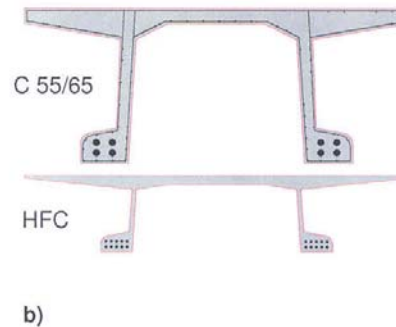
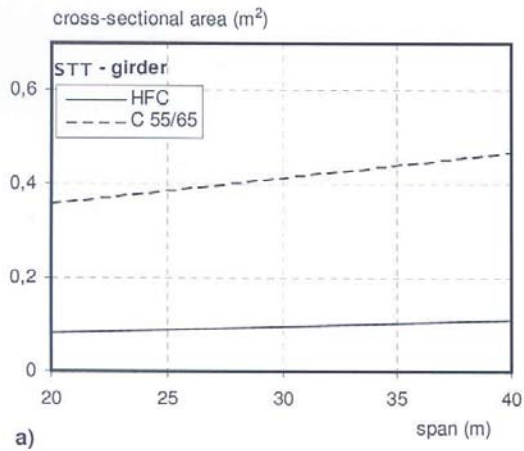


Fig. 5.9: a) The relation between span and cross-sectional area of STT-girders made of Hybrid-Fibre Concrete (HFC) and of conventional reinforced concrete C 55/65; b) The scheme of the cross-sections of girders in HFC and C55/65

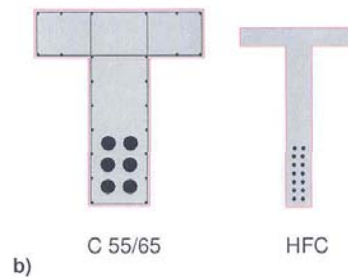
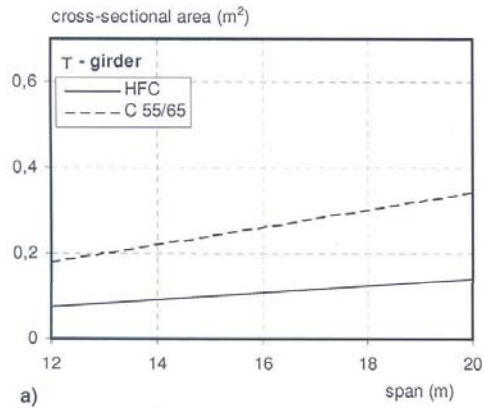


Fig. 5.8: a) The relation between span and cross-sectional area of T girders made of Hybrid-Fibre Concrete (HFC) and of conventional reinforced concrete C 55/65; b) The scheme of the cross-sections of girders in HFC and C55/65

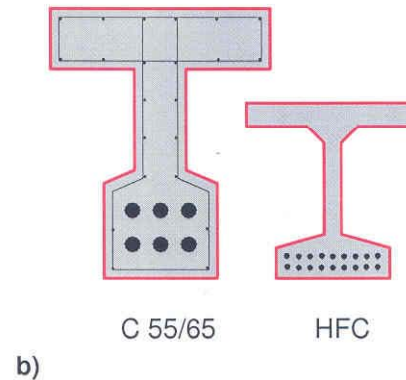
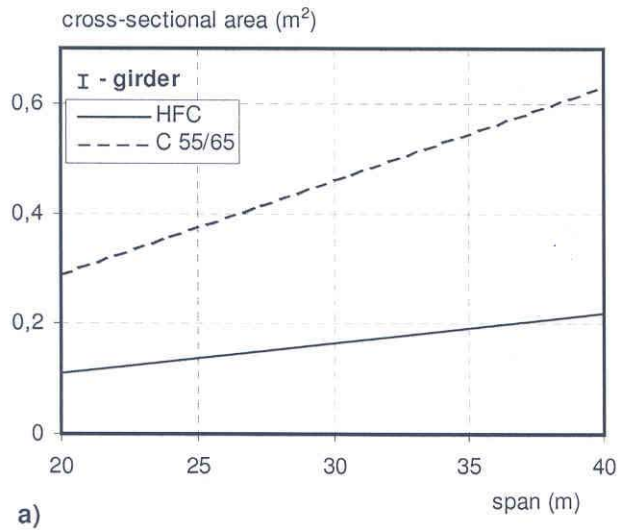
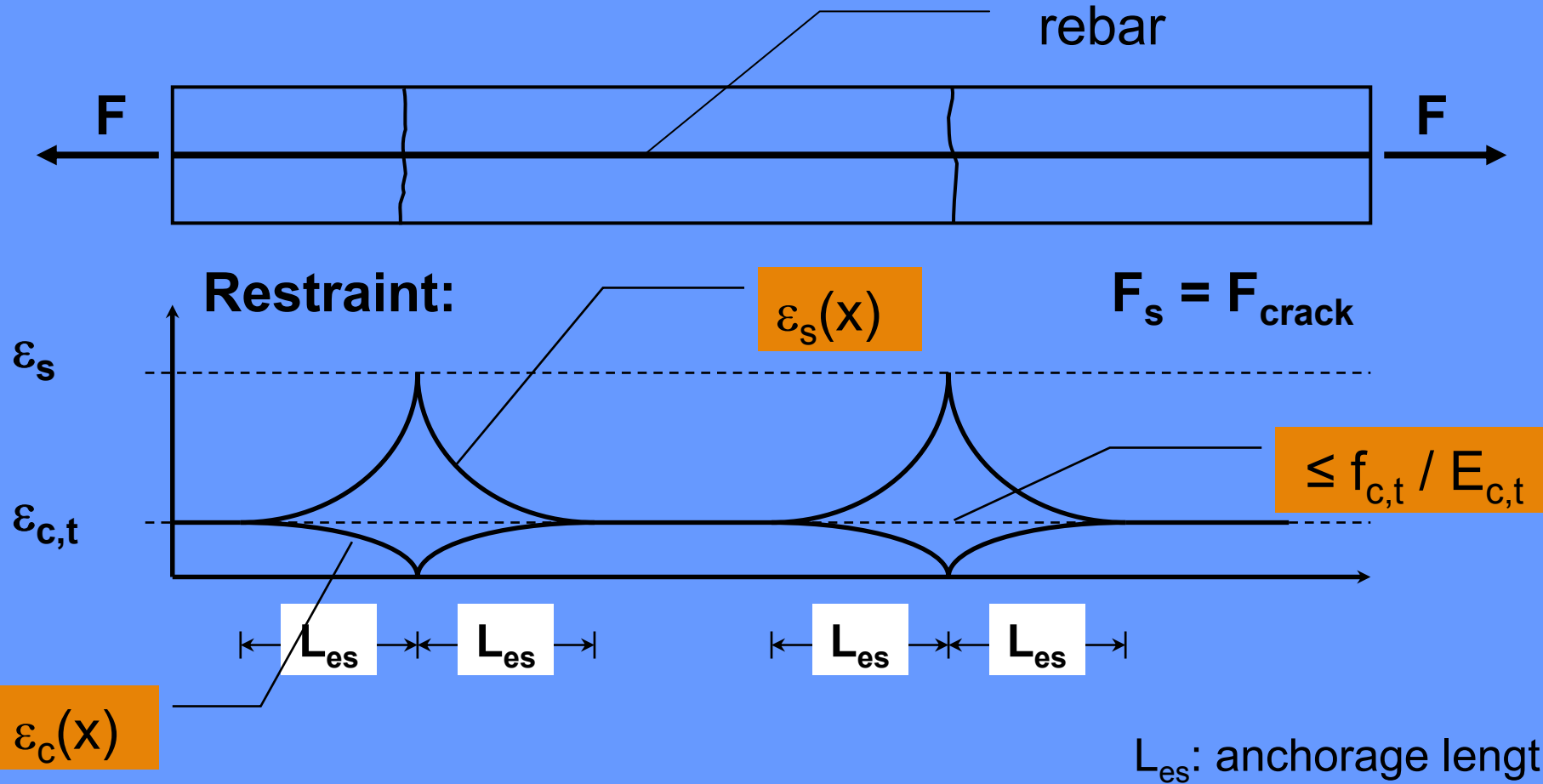
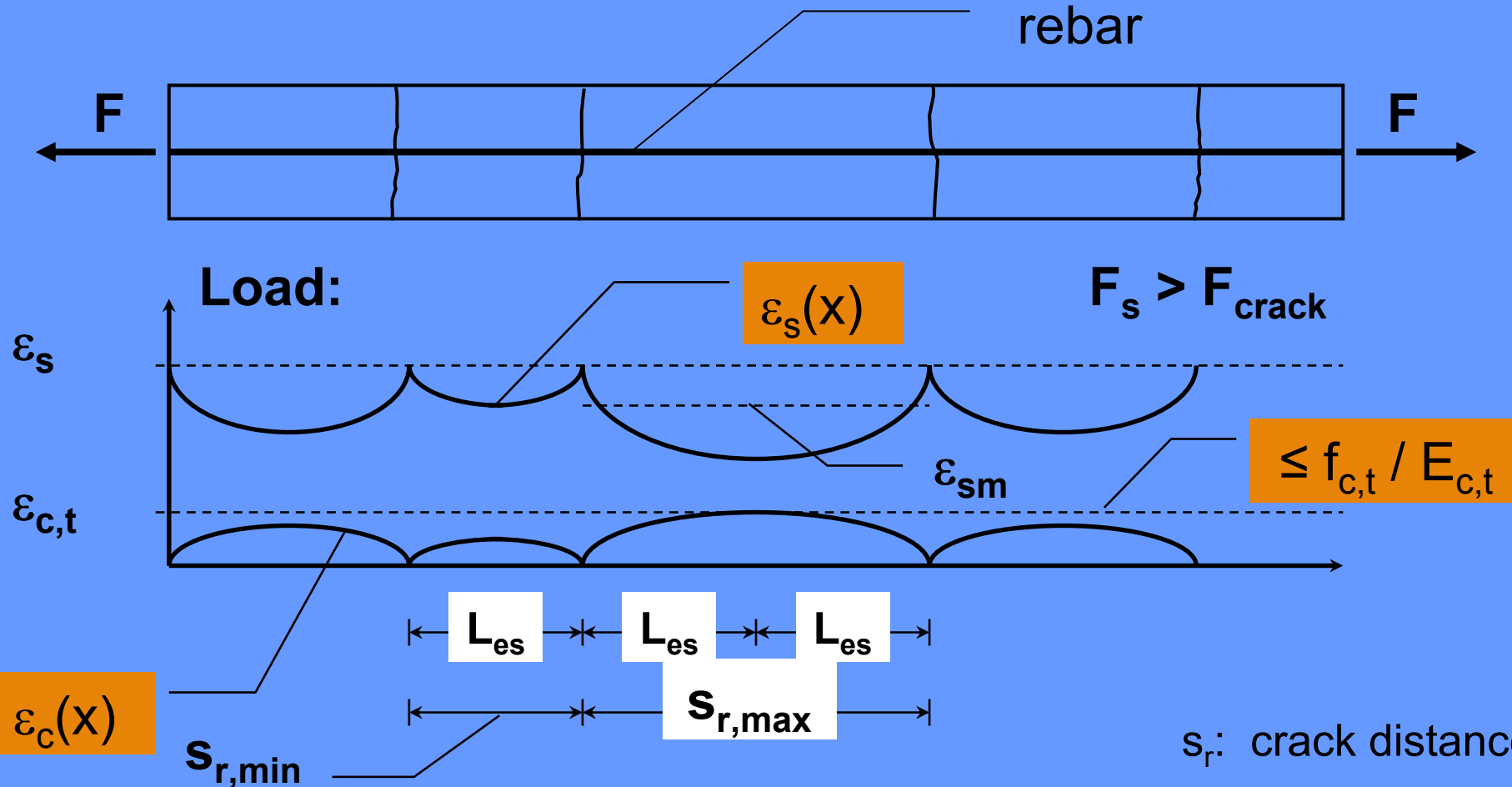


Fig. 5.7: a) The relation between span and cross-sectional area of I girders made of Hybrid-Fibre Concrete (HFC) and of conventional reinforced concrete C 55/65; b) The scheme of the cross-sections of girders in HFC and C55/65

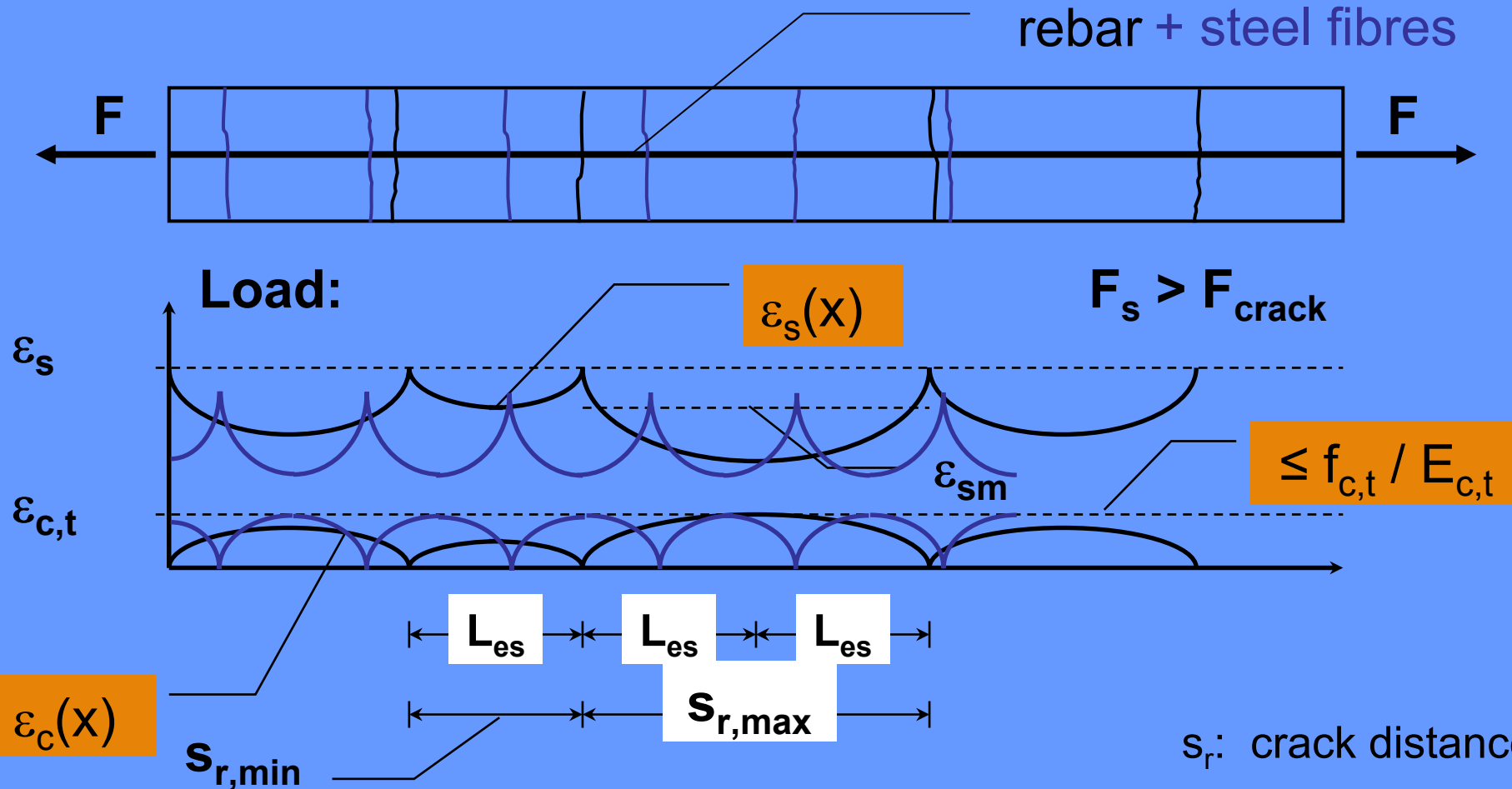
Crack Formation in Reinforced Concrete: Initial state



Crack Formation in Reinforced Concrete: Final State

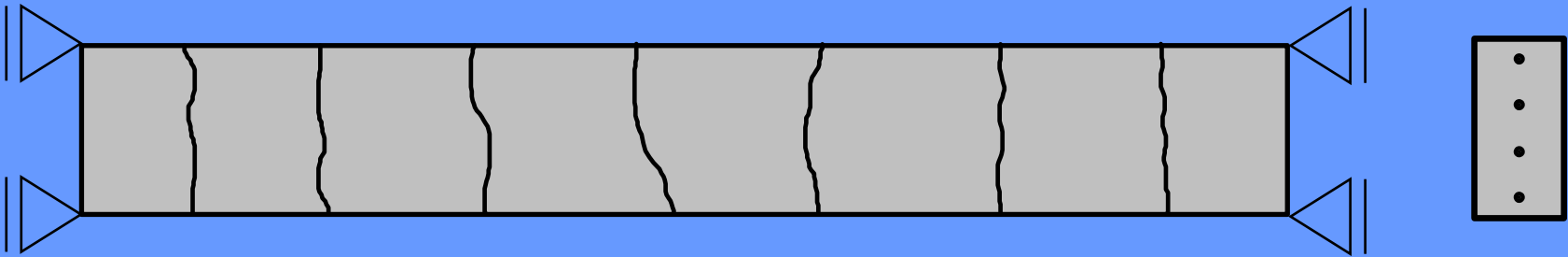


Crack Formation in Reinforced Concrete: Final State

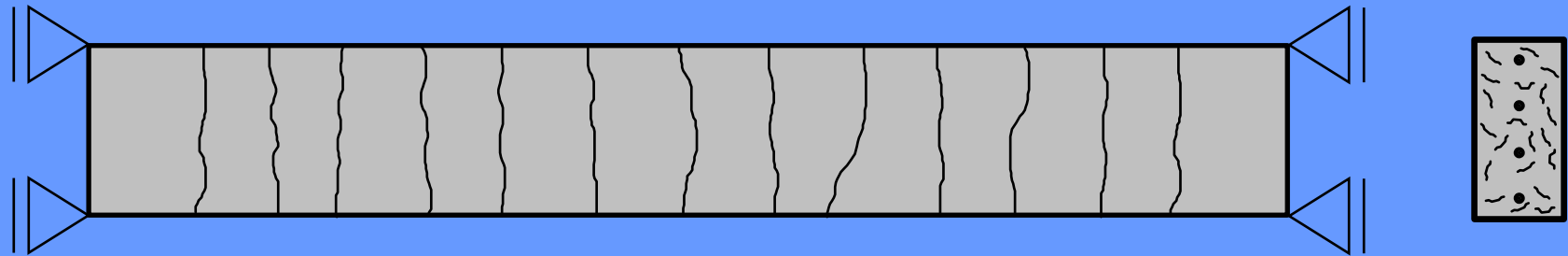


Test with Restraint Deformation

normal reinforcement:



combined reinforcement:



Köprü Kaplamaları



Köprü Kaplamaları



Karma Donatı



Autores del diseño estructural:
Alberto Domingo Cabo
Carlos Lázaro Fernández