



(BUNDREX SFRC SOLUTION)



Arched & Prime
Steel Fiber

20% Construction Cost Saving
40% Reduced Construction Time

High Performance
Prime Performance

NEW
BUNDREX[®]
SMART SOLUTION FOR ALL YOUR REINFORCEMENT

BUNDREX[®]

APPLICATION

Arched & Prime
Steel Fiber

20% Construction Cost Saving
40% Reduced Construction Time

High Performance
Prime Performance

Bridge Deck

As the surface of a bridge, it can be constructed of steel fiber reinforced concrete.



Slab on Grade(SOG)

Slabs which are cast directly on ground level, acting as a foundation for buildings and support walls.



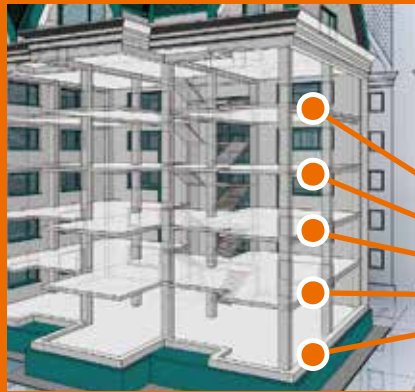
Slab on Pile (SOP)

Slabs which are constructed on piles when the ground is too soft to support a concrete slab.



Floor Slab

A floor formed using steel fiber reinforced concrete, forming part of the structure of a building at its ground or upper levels.



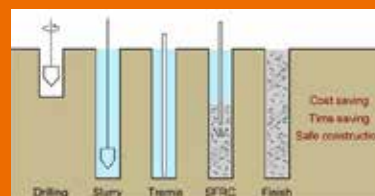
Tunnel Lining

Being the wall of the tunnel, usually consists of precast concrete segments which form rings (such as highway tunnel).



Pile Cast In Place

SFRC Cast-In-Place pile method is to form piles in the ground by drilling holes with excavation equipment and placing concrete in the perforations.



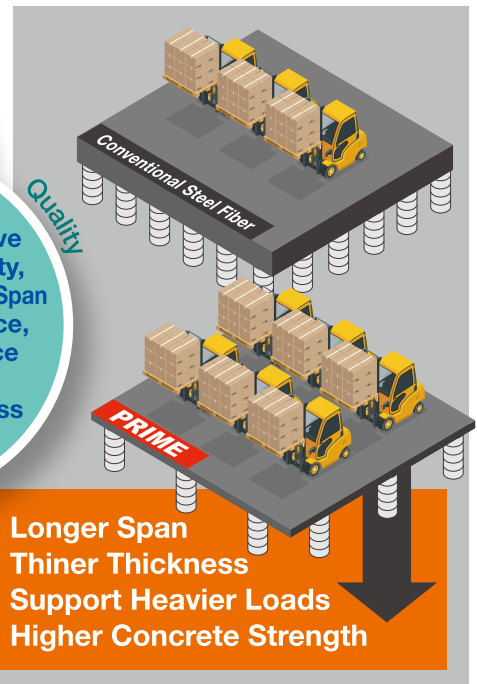
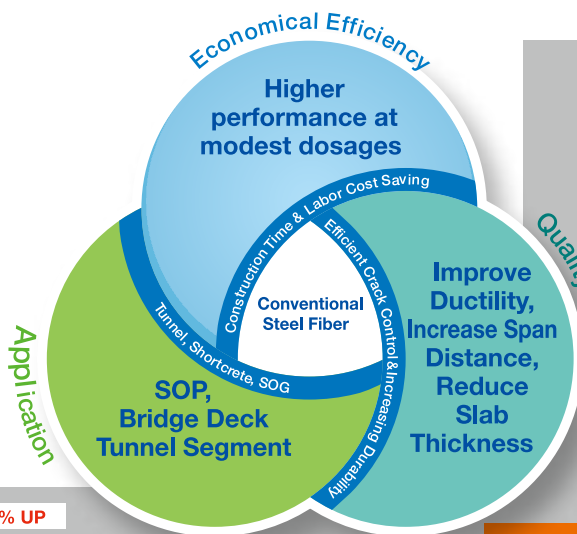
WHY PRIME?

20% CONSTRUCTION COST SAVING
40% REDUCED CONSTRUCTION TIME

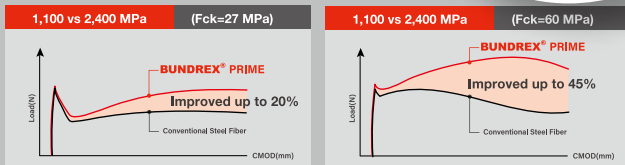
BUNDREX®
PRIME



T/S 2,400 MPa



AVERAGE 30% UP



BUNDREX® PRIME Product Line-up

KF 80/60 CH



Diameter	Length	A/R	T/S
0.75mm	60.0mm	80	1,500 ~ 2,100MPa
0.030 in	2.36 in		217,000~304,000 psi 15,296~21,414 kgf/cm²

Application : Flooring, Precast

Type : Collated (Glued) with Hooked-End

Packaging : 20.0 kg paper bag or 1.0 MT Poly bag
(44.09 lb) (2,205 lb)

Certification :

KF 65/60 CH



Diameter	Length	A/R	T/S
0.90mm	60.0mm	65	1,800 ~ 2,400MPa
0.035 in	2.36 in		261,000~348,000 psi 18,354~24,473 kgf/cm²

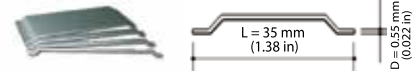
Application : Flooring, Precast

Type : Collated (Glued) with Hooked-End

Packaging : 20.0 kg paper bag or 1.0 MT Poly bag
(44.09 lb) (2,205 lb)

Certification :

KF 65/35 CH



Diameter	Length	A/R	T/S
0.55mm	35.0mm	65	1,500 ~ 2,000MPa
0.030 in	1.38 in		217,000~290,000 psi 15,296~20,394 kgf/cm²

Application : Shotcrete, Precast

Type : Collated (Glued) with Hooked-End

Packaging : 20.0 kg paper bag or 1.0 MT Poly bag
(44.09 lb) (2,205 lb)

Certification :

BUNDREX[®] Types

KF 80/60 CH



Diameter	Length	A/R	T/S
0.75mm	60.0mm	80	1,100 ~1,500MPa
0.030 in	2.36 in	159,542 ~217,557 psi	11,217 ~15,296 kgf/cm ²

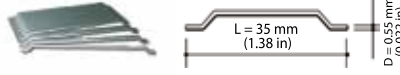
Application : Flooring, Precast

Type : Collated (Glued) with Hooked-End

Packaging : 20.0 kg paper bag or 1.0 MT Poly bag
(44.09 lb) (2,205 lb)

Certification :

KF 65/35 CH



Diameter	Length	A/R	T/S
0.55mm	35.0mm	65	1,100 ~1,650MPa
0.022 in	1.38 in	159,542 ~239,313 psi	11,217 ~16,825 kgf/cm ²

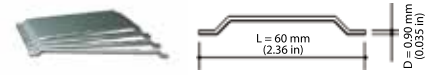
Application : Shotcrete, Precast

Type : Collated (Glued) with Hooked-End

Packaging : 20.0 kg paper bag or 1.0 MT Poly bag
(44.09 lb) (2,205 lb)

Certification :

KF 65/60 CH



Diameter	Length	A/R	T/S
0.90mm	60.0mm	65	1,100 ~1,800MPa
0.035 in	2.36 in	159,542 ~261,069 psi	11,217 ~18,355 kgf/cm ²

Application : Flooring, Precast

Type : Collated (Glued) with Hooked-End

Packaging : 20.0 kg paper bag or 1.0 MT Poly bag
(44.09 lb) (2,205 lb)

Certification :

KF 50/50 LH



Diameter	Length	A/R	T/S
1.00mm	50.0mm	50	1,100MPa
0.039 in	1.97 in	159,542psi	11,217kgf/cm ²

Application : Flooring, Precast

Type : Loose with Hooked-End

Packaging : 20.0 kg paper bag or 1.0 MT Poly bag
(44.09 lb) (2,205 lb)

Certification :

KF Arched 65/35 CA



Diameter	Length	A/R	T/S
0.55mm	35.0mm	65	1,100 ~1,350MPa
0.022 in	1.38 in	159,542 ~195,801 psi	11,217 ~13,766 kgf/cm ²

Application : Shotcrete, Precast

Type : Collated (Glued) with Hooked-End

Packaging : 20.0 kg paper bag or 1.0 MT Poly bag
(44.09 lb) (2,205 lb)

Certification :

KF Arched 80/60 CA



Diameter	Length	A/R	T/S
0.75mm	60.0mm	80	1,100 ~1,500MPa
0.030 in	2.36 in	159,542 ~217,557 psi	11,217 ~15,296 kgf/cm ²

Application : Flooring, Precast

Type : Collated (Glued) with Hooked-End

Packaging : 20.0 kg paper bag or 1.0 MT Poly bag
(44.09 lb) (2,204.6 lb)

Certification :

SF 65/13 MICRO



Diameter	Length	A/R	T/S
0.20mm	13.0mm	65	2,800MPa
0.01 in	0.51 in	406,107psi	28,552kgf/cm ²

Application : Ultra-high Performance Concrete

Type : Loose, Straight, Copper-Plated

Packaging : 20.0 kg paper bag or 1.0 MT Poly bag
(44.09 lb) (2,205 lb)

Certification :

POINTS OF CONTACT

Bundrex Division
Global Sales Team

North America

Dominica Lee
tel +82-2-2106-0120
e-mail dominica@kosteel.co.kr

Latin America

Antonio Kim
tel +82-2-2106-0119
e-mail shkim@kosteel.co.kr

Europe

Brandon Lee
tel +82-2-2106-0260
e-mail sh5021@kosteel.co.kr

Asia & Middle East

Kevin Baek
tel +82-2-2106-0135
e-mail kkjin432@kosteel.co.kr

Korea

Head Office
4F, Haustory, 122,
Sagajeong-Ro
Dongdaemun-Gu, Seoul,
02531, Korea

Plant
40, Hodong-Ro, 58 beon
-gil Nam-gu, Pohang-si,
Gyeongsangbuk-do,
37860, Korea

K-Vina

Plant
Nhon Trach IZ2, Nhon
Trach City, Dong Nai
Province, Viet Nam
(815-920)

Director _Joey Yeo

tel +82-2-2106-0193
e-mail mhyeo@kosteel.co.kr

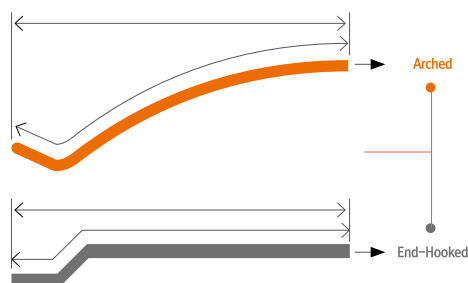
Arched Steel fiber BUNDREX technology

Why is Arched-type steel fiber performance-enhanced?

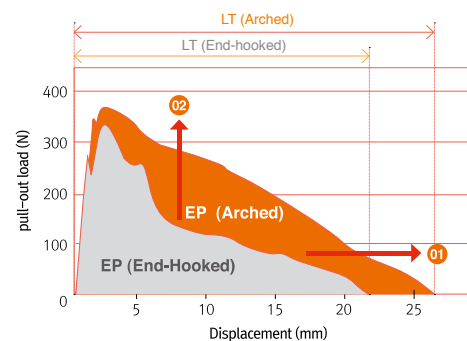
BUNDREX®
ARCHED



U.S Patent NO.
US 10,414,691 B2

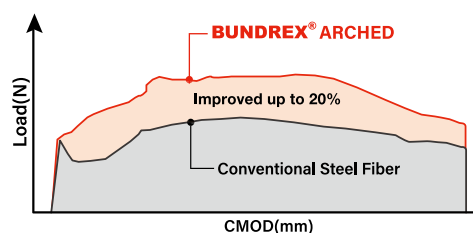


More mechanical resistance

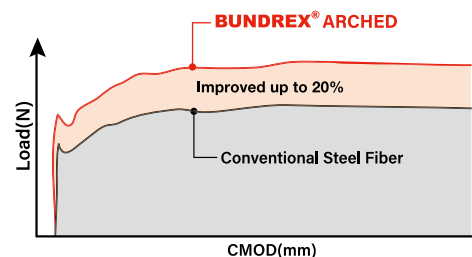


More Pull-Out Energy

More
SFRC Performance
Up to 20%



65/35 40kg/m³



80/60 40kg/m³