KFDN, KFDN-R5, KFDN-R6, KFDN-R8

High Range Water-Reducer (raw superplasticizer powder)

高效減水劑（粉劑原料）

I. Introduction 介紹

KFDN R-series high range water reducers are raw admixture powder for the formulation of liquid water reducer. Its low cost and high performance allows effective usage for wide range of applications. Complied standards include BS5075 (Britain), ASTM C494 (US) and GB8076-1997 (China).

KFDN R-系列減水劑粉劑是配製液體高效減水劑的原料。它既低成本又高性能，適用於廣泛的產品種類。產品符合中國（GB8076-1997），美國（ASTM C494）和英國（BS5075）標準。

II. Typical Applications 應用

KFDN R-series of products are typically used by liquid admixtures supplier to formulate customized water reducer based on project or client requirements.

KFDN R-系列產品一般用於配製液體高效減水劑的原料。

III. Features and Performance 特點與性能

KFDN: 混凝土高效減水劑
High Range Water Reducing Admixture

- 萘系高效減水劑（含硫酸鈉低于5%），高純度、低氯、低堿，適用於高減水率、早強、高強的混凝土工程，如公路、鐵路、橋樑、預製構件、預應力構件、管樁等。摻量（膠凝材料總量的）：0.2-1.5%（粉劑）
- Naphthalene-based high range water reducer (include less than 5% sodium sulphate). High purity, low chloride and alkali level. Suitable for high water reducing, early strength, high strength concrete projects such as roadway, railway, bridge projects, precast, prestress pieces etc. Dosage per cementitious: 0.2-1.5%(Powder)

KFDN-R5 Naphthalene-based high range water reducer (powder) 萘系高效減水劑 (粉劑)

- Naphthalene-based high range water reducer powder (include 15-18% sodium sulphate), suitable for early strength, high strength concrete applications such as pre-cast and pre-stressed concrete. It can also be used as raw material to formulate pumping aid, retarding water reducer and waterproofing water reducer. Packaging: 40Kg bags.
- 萘系高效減水劑（含硫酸鈉15-18%），適用於早強高強的混凝土、預製構件、預應力構件等，並可作爲配製泵送劑、緩凝高效減水劑、多功能防水劑等水劑的原料之用。

KFDN-R6 Fatty acid series high range water reducer (powder) 脂肪族系高效減水劑 (粉劑)

- Fatty-acid series high range water reducer powder. It has high water reducing ratio, good compatibility with cements, low air-entraining. It can be used to formulate high range retarding water reducer, high range pumping aid. It can also be used as raw material to adjust admixture compatibility with cement. Packaging: 25Kg bags.
- 脂肪族系高效減水劑，其特點爲減水率高，與水泥適應性好，引氣性底，適用於配製高效緩凝減水劑、高效泵送劑等水劑。用於調節改善外加劑與水泥的適應性。

KFDN-R8 Aromatic-based high range water reducer (powder)多環芳香系高效減水劑 (粉劑)

- Aromatic-based high range water reducer powder. It is low cost and has good water reducing ratio. It can be used as raw material to formulate admixtures that has good workability. Packaging: 25Kg bags.
- 多環芳香系高效減水劑，其特點爲減水性能好，配製混凝土和易性好，施工性能好，價格廉宜。

適應性 Compatibility:

- KFDN-R series admixture is compatible with Portland cement, microsilica, PFA and slag, please seek the technical advice from KFDN's local representatives.
- KFDN-R 系列減水劑對波特蘭水泥，粉煤灰等材料有很好的適應性。詳細請與KFDN的技術服務員聯繫。

IV. Package information 包裝與儲存

KFDN-R series is available in powder form of 25Kg bags. It has 6 months validity. Avoid storage under humid or direct sunlight environment.

KFDN-R 系列粉劑包裝是25公斤袋，有效期爲六個月。儲存時請保持乾燥和避免太陽直射。

V. Inquiries &Technical Support 技術服務

Our support team consists of highly trained technical professionals. Please contact your local representatives for further arrangements.

本公司擁有經驗豐富的技術人員，詳細請與KFDN的服務代表聯繫。

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KFDN References

Hong Kong

1. Hong Kong – Shenzhen Western Corridor
2. Hong Kong New International Airport
3. Hong Kong Housing Authority Projects
4. Airport Express Station
5. KCRC East Tsimshatsui interchange and Taiwai Depot

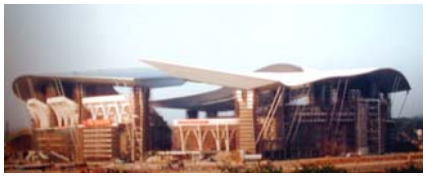
etc.

Hong Kong – Shenzhen Western Corridor

Guangzhou

1. Guangdong Olympic Stadium
2. Guangzhou Subway Stage II
3. Panyu Bridge
4. Dongpu Bridge

etc.



Guangdong Olympic stadium

Shanghai

BankComm Tower

1. BankComm Tower
2. Shanghai Technology City
3. Eastern Airline Tower
4. General Motor Plant
5. Light-rall Mingzhu Line
6. Huqingping Highway

etc.

Shenzhen

Shenzhen CMB Tower

1. Saige Plaza
2. Shenzhen Subway
3. ICC Tower
4. Panglin Plaza
5. World Trade Plaza
6. Qilin Freeway Interchange
7. Jinguang Center

etc.

Macau and Taiwan

1. Macau Hotel Lisboa New Wing
2. Macau Great Wall Building
3. Macau Nanfong Building
4. Taiwan Central Expressway No.2

etc.

Macau Hotel Lisboa new wing

Other

1. Jingzhou Yangtze River Bridge
2. Beijing-Zhuhai Expressway
3. Zhejiang University Campus Town
4. Huandao Expressway
5. Hainan International Commercial Building

etc.

Jingzhou Yangtze river bridge

KFDN has wide spread references in Southeast Asia, more references could be provided upon request.

:: Statements of responsibility ::

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