

Tried and trusted lining technology for concrete structures

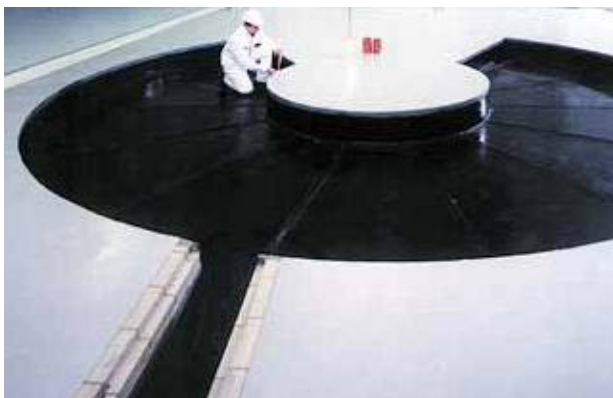
可靠的混凝土结构衬里技术

BEKAPLAST™ HDPE BEKAPLAST™ 高密度聚乙烯

This polyethylene material is resistant to a wide range of acid and alkaline solutions. BEKAPLAST™ HDPE can be supplied as an electrically conductible material and is environmentally safe. 本款聚乙烯材料具备耐受各种酸、碱溶液腐蚀的特性。BEKAPLAST™ 高密度聚乙烯 (HDPE) 可作为一种导电材料使用, 且环保安全。

BEKAPLAST™ 聚丙烯 PP

This material is a highly heat-stabilised polypropylene in accordance with DIN 16971. One of the remarkable features of this material is its resistance to aqueous saline solutions, alkalis and acids. BEKAPLAST™ PP is temperature-resistant up to a permanent temperature of nearly 90° C. 聚丙烯是一种热稳定性极高的材料, 符合 DIN16971 要求。该材料的显著特点之一是对盐水溶液、碱和酸具有耐酸性。BEKAPLAST™ 聚丙烯 (pp) 在耐热温度可达 90°C。



BEKAPLAST™ PVDF 聚偏氟乙烯 (PVDF)

The highly resistant, permeation barrier polyvinylidene fluoride is used particularly in cases involving chlorinated hydrocarbon chemical stress. 具有高度耐腐蚀性、防渗透性的聚偏氟乙烯尤其适用于涉及氯代烃类化学应力中的情况下。

BEKAPLAST™ 聚氯乙烯 PVC

The high impact durable material also offers extreme chemical resistance and a high level of stiffness. 这种高抗冲击性的耐久聚氯乙烯材料同时具有极高的化学耐受性和机械性。

Above picture: BEKAPLAST™ collection tank and Bekaplast™ gutter with edge lining in a manufacturing facility. 上图: 某制造设施中衬有 BEKAPLAST™ 的集水箱与排水槽。



Above picture: A hydrochloric acid pickling plant is renovated using a pre-fabricated Bekaplast™ immersion tank accommodating contents of over 100 m³ thereby saving lots of time. 上图：某盐酸酸洗厂正在改用 Bekaplast™ 浸槽，该浸槽的容积超过 100m³，采用预制方式节省大量的安装时间。



BEKAPLAST™ for sewer piping systems 适用于污水管道系统的 BEKAPLAST™

Whether newly built or relined, BEKAPLAST™ ensures that sewer pipe systems are verifiably sealed against gas and water leakage.

Pre-cast concrete pipes are supplied completely equipped with the BEKAPLAST™ lining. BEKAPLAST™ is even resistant to biogenic corrosion and prevents incrustation. BEKAPLAST™ HDPE is environmentally safe and therefore even suitable for drinking water.

无论是新建还是更换衬里，BEKAPLAST™均可确保污水管道系统有

效密封，防止气体和水泄露。预制的混凝土管道完全配备

BEKAPLAST™衬里。BEKAPLAST™可耐生物腐蚀，防止结垢。


BEKAPLAST™HDPE 环保安全，适用于饮用水系统。

The specific BEKAPLAST™ material used ensures special advantages for any given application:所用的特


定 BEKAPLAST™材料可确保任何应用条件下均具有特殊优势：

 hardly flammable 不易燃

 high impact durability 高抗冲击性

 electrically conductive 导电

 UV-stabilised 抗紫外线

 safe for foot traffic 行走安全

A great variety of material quality standards are available. Please do not hesitate to contact us for details.现可出售各种大量符合质量标准材料。垂询详情，随时联系本公司。

BEKAPLAST™ for new construction or re-lining of sewage systems – a good example for the versatility of the design. If sewer pipes are intended for open or propulsion installation, the prefabricated BEKAPLAST™ pipes can be cast during the reinforced concrete pipe manufacturing phase.

用于污水系统新建或更换衬里时，BEKAPLAST™是一个多种使用方式的良好实例。如果污水管道使用开放式或推进式安装方式。预制的 BEKAPLAST™可以在钢筋混凝土管生产阶段进行浇筑。

In case of re-lining projects, BEKAPLAST™ pipes or BEKAPLAST™ sheets are placed in the sewer to be re-lined and attached to a shuttering inside. The gap between concrete pipe and inner lining is then filled with a fluid, fast-setting special mortar. The radial joints are sealed by welding. BEKAPLAST™ provides a highly resistant and, due to the anti-adhesive surface, very smooth inner lining.

在更换衬里的项目中，BEKAPLAST™管道或BEKAPLAST™板安装在污水设备中，衬里通过内部的模板支撑。然后，混凝土与内衬里之间的间隙灌满可流体的快凝结专用砂浆。径向接缝通过焊接密封。BEKAPLAST™可提供高度耐抗性，且表面具有抗粘附性，因此内衬里十分光滑。



Above picture: Relining of sewer pipes using ready-made Bekaplast pipes.

上图：使用预制的 BEKAPLAST™管道更换污水管道的衬里。

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Ditescor S.A. de C.V.
Mexico

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China

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塑料设备和管道

耐火材料
耐火衬里

游泳池系统
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