



天润国美

专业建材添加剂制造商

Professional Building Material Additive Manufacturer

泰安天润国美新材料有限公司

Taian Tianrun Gome New Material Co.,LTD.



Introductions

介绍我们

泰安天润国美新材料有限公司是集科研开发、生产销售、技术服务为一体的高科技企业。工厂始建于1999年。公司位于泰山西麓被誉为“世外桃源”的肥城市，北邻省会济南，南与圣地曲阜接壤，京沪高速公路、铁路绕城而过，交通便利。

公司引进德国技术及关键设备，与建材院校合作，研制出了“泰山天润”牌、“瓦克龙”牌可再分散乳胶粉、聚羧酸减水剂和羟丙基甲基纤维素。主要应用于干混砂浆、混凝土、瓷砖粘合剂和墙面腻子中，可提高建筑工程的质量，提高施工机械化水平，改善施工环境、节水节能。

我们郑重向您推荐世界发达国家普遍采用的干混砂浆添加剂——可再分散乳胶粉。我们将以及时周到的技术服务，优秀的品质和具有价格优势的产品与您共同发展。

Taian Tianrun Gome New Material Co., Ltd. is the high-tech enterprise integrating development of scientific research, production and sales and technical service into the whole.

The factory was built in 1999. The Company is located in Feicheng City—the famous “Town Of Peach”, which is to the west of “Mount Tai”; the north of provincial capital-JINAN; borders QUFU, “Holy Land” on the north, and runs through and around the Beijing-Shanghai Expressway and Railway. The transportation is convenient.

The Company has introduced the German technology and key equipment, made cooperation with colleges for building materials, “TAISHAN TIANRUN” brand and “WAKELONG” brand Redispersible Polymer Powder、Polycarboxylate Superplasticizer and Hydroxypropyl Methylcellulose was developed. Mainly used in dry-mixed mortar, concrete, tile adhesives and wall putty, which can improve the quality of construction projects, improve the level of construction mechanization, improve the construction environment, and save water and energy.

We solemnly recommend you the Redispersible Polymer Powder—a dry-mixed mortar additive commonly is used by developed countries in the world.

We will develop together with you with timely and thoughtful technical services, excellent quality and products with price advantages.

企业目标 Corporate goals

可持续发展 Sustainable Development

◎超越：意味着永不满足，时刻保持危机意识和创新精神，锐意进取，以自己博大的胸怀，精湛的技艺，超越客户期望，超越自己的奋斗目标。

◎努力：倡导企业为国家繁荣倾尽义务，倡导企业对社会责任承担。

Beyond: means that never meet, always keep the sense of crisis and innovation spirit, forge ahead, with their broad mind, superb skills, beyond customer expectations, beyond their goals.

Efforts to promote enterprises to promote the prosperity of the country, to promote corporate responsibility for social responsibility.

企业精神 Enterprise spirit

超越自我开拓创新

Go beyond ourselves Exploration and innovation

经营理念 Operation principle

客户满意我的职责

Customer satisfaction My duty

管理理念 Management concept

遵纪守法做事求果

Legal compliance Pursue after results for handling affairs



Application scope

应用范围

瓷砖和建筑粘结剂 Tile and building binder

现代粘贴瓷砖的方法基本上都是使用薄层法。要使薄层砂浆具有足够的粘结性和柔韧性，必须添加聚合物粘结剂——可再分散乳胶粉，对水泥砂浆进行改性。泰山天润乳胶粉的新增性能，如：抗垂性和优秀的施工性能，使得瓷砖粘结剂受到熟练的砌筑工以及专业的贴砖工的欢迎。

Modern method on paste of tile is basically to use thin layer method. Sufficient caking property and flexibility of thinlayer mortar is required to add polymer binder redispersible polymer powder for modifying the cement mortar. Newly- added properties of Taishan Tianrun emulsion powder include: weeping resistance and excellent construction performance, which makes tile binder popular with skilled bricklayers and professional tiling workers.

施工性能好；对各种基材的粘结性好；抗垂性好；开放时间长；保水性好；足够的柔韧性。

Good construction performance; favorable caking property to various kinds of base materials; good weeping resistance; long opening time; favorable water-retaining property; sufficient flexibility.

通过调整水泥含量和可再分散乳胶粉的使用量，可配制出具有不同可变形性（柔性）的粘结剂。

By adjusting cement content and usage amount of redispersible polymer emulsion powder, the binder with different deformability (flexibility) may be prepared.

外墙外保温和饰面系统 Exterior wall external insulation and finishing system

在建筑业中已有多年的实践经验。早期系统是使用胶乳在工地将其与水泥混合，而有了可再分散乳胶粉后，现在的产品大都为粉状产品，它们预先在工厂混合好，到了工地上只需用水调和即可，使用方便，质量可靠，并确保系统长期的稳定性和耐用性。

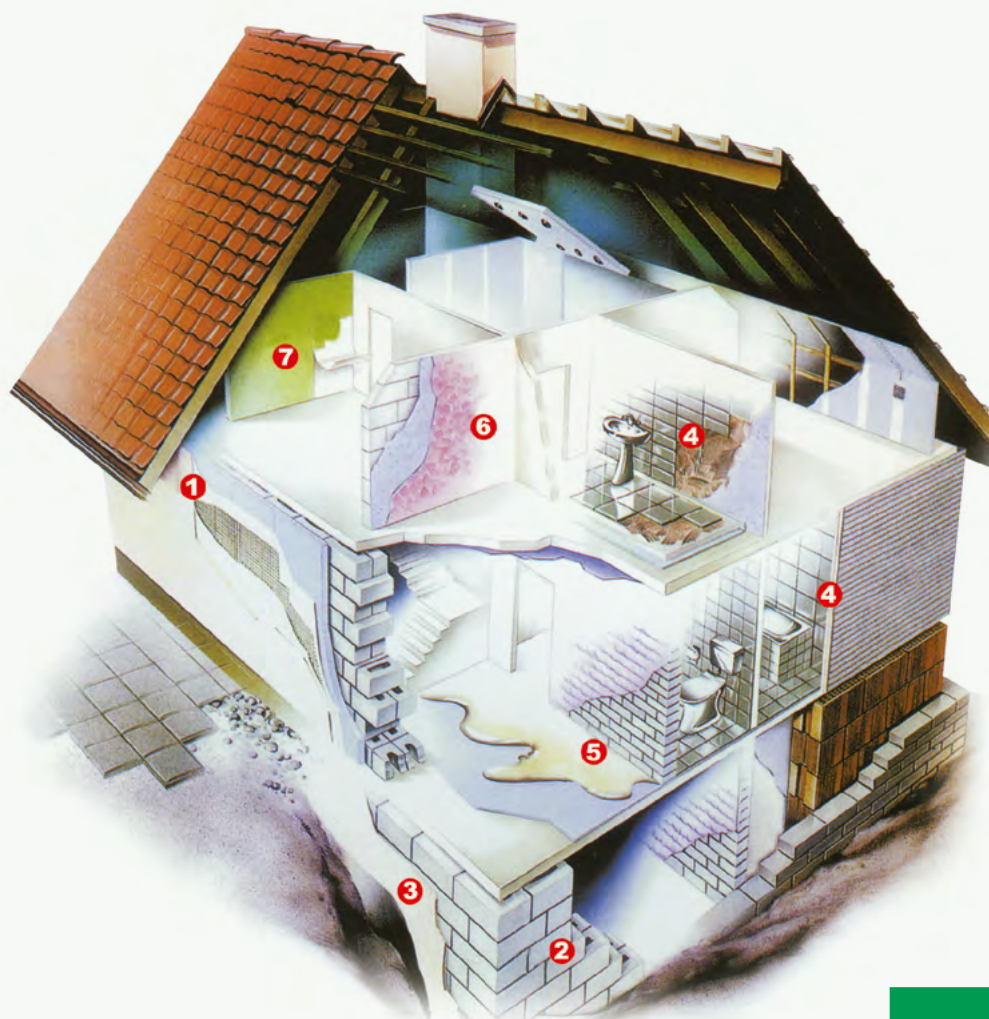
Practical experience has been provided for many years in the building industry. The system in early phase uses and makes latex mixed with cement on the construction site, so that redispersible polymer powder is formed. The existing products are most the powdery products, and they are mixed in the factory in advance. When arrival at the site, the mixing with water is only required, which is easy to use; has reliable quality and guarantees the long-term stability and durability of the system.

其它用途 Other purposes

还可广泛应用于装饰砂浆、自流平砂浆、耐磨地坪砂浆，瓷砖勾缝剂、防水砂浆、修补修复砂浆、内外墙腻子粉、水泥基粉末涂料、石膏基产品、非水泥基产品、如墙纸胶、地毯胶等领域。

Able to be widely used for decoration mortar, self-leveling mortar, wear-resisting flooring mortar, dry-mixed grout for tiles, waterproof mortar, patching and repairing mortar, interior and exterior wall putty powder, gypsum-based product, non-cement base product and other fields including wallpaper paste, carpet tape, etc.

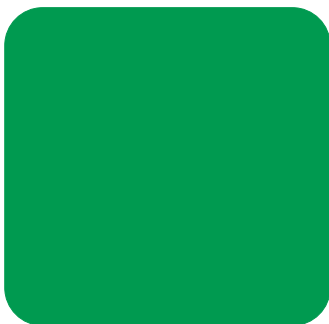




Schematic diagram

应用示意

- 1、外保温粘结砂浆、抹面砂浆、装饰砂浆、粉末涂料、外墙柔性腻子粉 External thermal insulation adhesive mortar, plastering mortar, decoration mortar, powder coating, exterior wall flexible putty powder
- 2、砌筑砂浆 Masonry mortar
- 3、柔性抹灰砂浆 Flexible plastering mortar
- 4、瓷砖粘结剂、大理石粘结剂、勾缝剂 Tile binder, marble binder, crack-sealer
- 5、防水砂浆、自流平砂浆、硬化耐磨地坪砂浆 Waterproof mortar, self-leveling mortar, hardened abrasive flooring mortar
- 6、内墙腻子粉、内外墙彩色饰面涂料 Interior wall putty powder, interior and exterior color decorating coating
- 7、粉刷石膏 Gypsum plaster



天润胶粉 诚誉中华
Tianrun powder Reputation of China



REDISPERSIBLE POLYMER POWDER

可再分散乳胶粉 RDP(TR-5118)

TR-5118 可再分散乳胶粉为水溶性再分散粉末，为乙烯 / 醋酸乙烯 / 叔碳酸乙烯的聚合物，适合室外的粘结、腻子等干混砂浆。

TR-5118 redispersible polymer powder is the water-soluble redispersible powder and the polymer of ethylene/vinyl acetate/vinyl versatate, which is suitable for dry-mixed mortars including cementation and putty, etc in the outdoor.

理化性能指标 Physical and chemical performance index

灰分 Ash	12 ± 2%
PH 值 PH value	5-8
外观 Appearance	白色粉末 White powder
颗粒度 Granularity	80 目 80 meshes
堆积密度 Bulk density	500-600 克 / 升 500-600g/L
不挥发物 Nonvolatile matter	≥ 98%
玻璃化温度 (Tg)	4℃
最低成膜温度 Minimum film formation temperature	0℃

应用范围 Scope of application

- 1、外墙外保温抹面砂浆 Exterior wall external insulating plastering mortar
- 2、外墙柔性腻子粉 Exterior wall flexible putty powder
- 3、瓷砖翻新腻子粉 Tile retreating putty powder
- 4、修补砂浆 Repairing mortar

包装 Packaging

纸塑复合袋，每袋净重 25Kg(± 0.25%)
Paper-plastic compound bag, 25Kg (± 0.25%) for net weight of each bag

贮存 Storage

30℃以下干燥环境中储存
Stored in the dry environment with temperature below 30℃

保质期 Warranty period

半年，如超过保质期，但无结块现象仍可继续使用
Half a year; if warranty period is beyond and no caking phenomenon exists, it can still be used.

注意事项 Note

开封后必须将未用完的胶粉密封，避免空气接触而受潮。
After being opened, the powder not used up shall be sealed to avoid being affected with damp because of air contact.



抹面砂浆
Plastering mortar



装饰砂浆饰面外墙外保温样板
Exterior wall external insulating sample plate with decoration mortar



REDISPERSIBLE POLYMER POWDER

可再分散乳胶粉

RDP(TR-3115)

TR-3115 可再分散乳胶粉为水溶性再分散粉末，为乙烯 / 醋酸乙烯的共聚物，适合室外环境的各类粘结砂浆。

TR-3115 redispersible polymer powder is the water-soluble redispersible powder and the polymer of ethylene/vinyl acetate, which is suitable for various kinds of adhesive mortars in the outdoor environment.

理化性能指标 Physical and chemical performance index

灰分 Ash	22 ± 2%
PH 值 PH value	5-8
外观 Appearance	白色粉末 White powder
颗粒度 Granularity	80 目 80 meshes
堆积密度 Bulk density	500-600 克 / 升 500-600g / L
不挥发物 Nonvolatile matter	≥ 98%
玻璃化温度 (Tg)	4℃
最低成膜温度 Minimum film formation temperature	0℃

应用范围 Scope of application

- 1、内墙腻子粉 Interior wall putty powder
- 2、粘结石膏 Adhesive gypsum
- 3、粉刷石膏 Gypsum plaster
- 4、石膏基干粉 Gypsum-based dry powder
- 5、外墙保温粘结砂浆 Exterior wall external insulating adhesive mortar
- 6、外墙外保温抹面砂浆 Exterior wall external insulating plastering mortar

包装 Packaging

纸塑复合袋，每袋净重 25Kg (± 0.25%)

Paper-plastic compound bag, 25Kg (± 0.25%) for net weight of each bag

贮存 Storage

30℃以下干燥环境中储存

Stored in the dry environment with temperature below 30℃

保质期 Warranty period

半年，如超过保质期，但无结块现象仍可继续使用

Half a year; if warranty period is beyond and no caking phenomenon exists, it can still be used.

注意事项 Note

开封后必须将未用完的胶粉密封，避免空气接触而受潮。

After being opened, the powder not used up shall be sealed to avoid being affected with damp because of air contact.

天润胶粉 诚誉中华
Tianrun powder Reputation of China



REDISPERSIBLE POLYMER POWDER

可再分散乳胶粉 RDP(TR-650R)——Hydrophobicity

TR-650R 可再分散乳胶粉为水溶性再分散粉末，为醋酸乙烯酯－乙烯聚合物，能够满足高柔韧性、高强度的水泥基防水材料的要求，同时具有优异的低温柔韧性和对各种基材的粘结力。

TR-650R redispersible polymer powder is a water-soluble redispersible powder, a vinyl acetate-ethylene polymer, which can meet the requirements of high flexibility and high strength cement-based waterproof materials. At the same time, it has excellent low temperature flexibility and adhesion to various substrates.

理化性能指标 Physical and chemical performance index

灰分 Ash	12 ± 2%
PH 值 PH value	5-8
外观 Appearance	白色粉末 White powder
颗粒度 Granularity	80 目 80 meshes
堆积密度 Bulk density	500-600 克 / 升 500-600g/L
不挥发物 Nonvolatile matter	≥ 98%
玻璃化温度 (Tg)	-10℃
最低成膜温度 Minimum film formation temperature	0℃

应用范围 Scope of application

- 1、防水砂浆 Waterproof mortar
- 2、外墙外保温抹面砂浆 Exterior wall external insulating plastering mortar
- 3、外墙保温粘结砂浆 Exterior wall external insulating adhesive mortar
- 4、耐水腻子 Water resistant putty

包装 Packaging

纸塑复合袋，每袋净重 25Kg (± 0.25%)
Paper-plastic compound bag, 25Kg (± 0.25%) for net weight of each bag

贮存 Storage

30℃以下干燥环境中储存
Stored in the dry environment with temperature below 30℃

保质期 Warranty period

半年，如超过保质期，但无结块现象仍可继续使用。
Half a year; if warranty period is beyond and no caking phenomenon exists, it can still be used.

注意事项 Note

开封后必须将未用完的胶粉密封，避免空气接触而受潮。
After being opened, the powder not used up shall be sealed to avoid being affected with damp because of air contact.



防水砂浆
Waterproof mortar



外墙外保温抹面砂浆
Exterior wall external insulation plastering mortarplastering mortar

REDISPERSIBLE POLYMER POWDER

可再分散乳胶粉 RDP(TR-608R)

TR-608R 可再分散乳胶粉为水溶性再分散粉末，为醋酸乙烯酯 - 乙烯聚合物，适合室内室外用粘结砂浆、粘结石膏。

TR-608R Redispersible powder powder is a water-soluble redispersible powder, a vinyl acetate-ethylene polymer, suitable for bonding mortar and plaster for indoor and outdoor use.

理化性能指标 Physical and chemical performance index

灰分 Ash	12 ± 2%
PH 值 PH value	5-8
外观 Appearance	白色粉末 White powder
颗粒度 Granularity	80 目 80 meshes
堆积密度 Bulk density	500-600 克 / 升 500-600g/L
不挥发物 Nonvolatile matter	≥ 98%
玻璃化温度 (T _g)	16°C
最低成膜温度 Minimum film formation temperature	0°C

应用范围 Scope of application

- 1、瓷砖粘合剂 Tile adhesive
- 2、粘结砂浆 Adhesive mortar
- 3、修补砂浆 Repair mortar
- 4、瓷砖勾缝剂 Tile grout
- 5、胶粉聚苯颗粒保温砂浆 Rubber powder polystyrene particle insulation mortar
- 6、自流平砂浆 Self leveling mortar

包装 Packaging

纸塑复合袋，每袋净重 25Kg (± 0.25%)

Paper-plastic compound bag, 25Kg (± 0.25%) for net weight of each bag

贮存 Storage

30°C 以下干燥环境中储存

Stored in the dry environment with temperature below 30°C

保质期 Warranty period

半年，如超过保质期，但无结块现象仍可继续使用

Half a year; if warranty period is beyond and no caking phenomenon exists, it can still be used.

注意事项 Note

开封后必须将未用完的胶粉密封，避免空气接触而受潮。

After being opened, the powder not used up shall be sealed to avoid being affected with damp because of air contact.



瓷砖粘合剂 Tile adhesive



自流平砂浆 Self leveling mortar

REDISPERSIBLE POLYMER POWDER

可再分散乳胶粉 RDP(TR-680R)

TR-680R 可再分散乳胶粉为水溶性再分散粉末，为醋酸乙烯酯－乙烯聚合物，适合室外用抹灰砂浆和外墙柔性腻子。

TR-680R Redispersible powder powder is a water-soluble redispersible powder, a vinyl acetate-ethylene polymer, suitable for outdoor plastering mortar and flexible putty for exterior walls.

理化性能指标 Physical and chemical performance index

灰分 Ash	12 ± 2%
PH 值 PH value	5-8
外观 Appearance	白色粉末 White powder
颗粒度 Granularity	80 目 80 meshes
堆积密度 Bulk density	500-600 克 / 升 500-600g / L
不挥发物 Nonvolatile matter	≥ 98%
玻璃化温度 (Tg)	-9℃
最低成膜温度 Minimum film formation temperature	0℃

应用范围 Scope of application

- 1、外墙柔性腻子 Flexible putty for exterior wall
- 2、真石漆打底腻子 Lacquer primer putty
- 3、抗裂石膏腻子 Anti-crack plaster putty
- 4、瓷砖粘合剂 Tile adhesive
- 5、外墙外保温抹面砂浆 Exterior wall external insulating plastering mortar

包装 Packaging

纸塑复合袋，每袋净重 25Kg (± 0.25%)
Paper-plastic compound bag, 25Kg (± 0.25%) for net weight of each bag

贮存 Storage

30℃以下干燥环境中储存
Stored in the dry environment with temperature below 30℃

保质期 Warranty period

半年，如超过保质期，但无结块现象仍可继续使用
Half a year; if warranty period is beyond and no caking phenomenon exists, it can still be used.

注意事项 Note

开封后必须将未用完的胶粉密封，避免空气接触而受潮。
After being opened, the powder not used up shall be sealed to avoid being affected with damp because of air contact.



外墙柔性腻子
Flexible putty for exterior wall



真石漆打底腻子
Lacquer primer putty

POLYCARBOXYLATE WATER REDUCING AGENT

聚羧酸减水剂

PCE(TR-6088)

TR-6088 聚羧酸减水剂，是一种高性能粉体减水剂，由高速离心喷雾干燥工艺生产，具有优异的分散性、流动性、高保塑性、高减水率，尤其适用于水泥基材料，赋予水泥基体系极好的施工性和技术要求。

TR-6088 Polycarboxylate superplasticizer is a high-performance powder water-reducing agent, produced by high-speed centrifugal spraying and drying process, with excellent dispersibility, fluidity, high plasticity retention and high water reduction rate, especially be fit to cement-based materials for better workability and higher technical requirements.

理化性能指标 Physical and chemical performance index

外观 Appearance	白色粉末 White powder
堆积密度 Bulk density (kg/m ³)	600 ± 100
PH(20% 水溶液)	7.0-9.0
含水率 Moisture content	≤ 3
减水率 Rate of water reduction	≥ 25
减水率推荐掺量 (所占凝胶材料 %) Water reduction rate recommended dosage (accounted for gel material %)	0.15-0.3

应用范围 Scope of application

- 1、水泥基自流平砂浆 Cement-based self-leveling mortar
- 2、普通灌浆料 Common grouting material
- 3、修补砂浆 Repair mortar
- 4、地坪砂浆 Floor mortar
- 5、EPS 线条砂浆 EPS line mortar

包装 Packaging

纸塑复合袋，每袋净重 25Kg (± 0.25%)
Paper-plastic compound bag, 25Kg (± 0.25%) for net weight of each bag

贮存 Storage

30℃以下干燥环境中储存
Stored in the dry environment with temperature below 30℃

保质期 Warranty period

半年，如超过保质期，但无结块现象仍可继续使用
Half a year; if warranty period is beyond and no caking phenomenon exists, it can still be used.

注意事项 Note

开封后必须将未用完的胶粉密封，避免空气接触而受潮。
After being opened, the powder not used up shall be sealed to avoid being affected with damp because of air contact.



修补砂浆
Repair mortar



地坪砂浆
Floor mortar

POLYCARBOXYLATE WATER REDUCING AGENT

聚羧酸减水剂 PCE(TR-5088)

TR-5088 聚羧酸减水剂，是一种高性能粉体减水剂，由高速离心喷雾干燥工艺生产，具有优异的分散性、流动性、高稳定性、施工性，适用于石膏基材料，赋予石膏基体系极好的施工性和技术要求。

TR-5088 Polycarboxylate superplasticizer is a high-performance powder water-reducing agent, produced by high-speed centrifugal spray drying process, with excellent dispersion, fluidity, high stability, constructability, suitable for cement-based materials, giving cement-based system excellent construction and technical requirements.

理化性能指标 Physical and chemical performance index

外观 Appearance	白色或浅黄色粉末 White or light yellow powder
堆积密度 Bulk density (kg/m³)	600 ± 100
含水率 Moisture content	≤ 3
减水率推荐掺量 (所占凝胶材料 %) Water reduction rate recommended dosage (accounted for gel material %)	0.2-0.4

应用范围 Scope of application

- 1、石膏基自流平砂浆 Gypsum base self-leveling mortar
- 2、轻质抹灰石膏 Lightweight plastering mortar

包装 Packaging

纸塑复合袋，每袋净重 25Kg (± 0.25%)
Paper-plastic compound bag, 25Kg (± 0.25%) for net weight of each bag

贮存 Storage

30℃以下干燥环境中储存 stored in the dry environment with temperature below 30℃

保质期 Warranty period

半年，如超过保质期，但无结块现象仍可继续使用
Half a year; if warranty period is beyond and no caking phenomenon exists, it can still be used.

注意事项 Note

开封后必须将未用完的胶粉密封，避免空气接触而受潮。
After being opened, the powder not used up shall be sealed to avoid being affected with damp because of air contact.



轻质抹灰石膏 Lightweight plastering mortar



石膏基自流平砂浆 Gypsum base self-leveling mortar



HYDROXYPROPYL METHYL CELLULOSE

羟丙基甲基纤维素 HPMC

羟丙基甲基纤维素（HPMC）是一种广泛应用于建筑和洗涤材料的非离子型纤维素醚。广泛应用于干砂浆、瓷砖粘合剂、外墙外保温系统（EIFS）、填缝剂、自流平砂浆、灰泥、腻子、油漆和涂料等领域。

Hydroxypropyl methylcellulose (HPMC) is a nonionic cellulose ether widely used in construction and washing materials. It is widely used in the field of dry mortar, tile adhesives, EIFS, caulking agents, self-leveling mortars, plasters, putties, paints and coatings, etc.

羟丙基甲基纤维素（HPMC）在建筑材料中的主要应用：

The main applications of Hydroxypropyl Methyl Cellulose (HPMC) in building materials:

水泥基抹灰砂浆、石膏基灰泥及石膏制品：

1. 提高均匀性、增加抗流挂性、增强流动性和泵送性
2. 保水性好，延长砂浆的浇注时间

Cement based plastering mortar, Gypsum-based plasters and gypsum products:

- 1.Improves uniformity, increases sag resistance, enhances flow and pumpability
- 2.High water retention, extending the placement time of mortar

砌筑砂浆 Masonry mortar

1. 增强保水性，提高砂浆强度
 2. 使用纤维素醚改良后的砂浆更易于施工，节省施工时间，降低施工成本。
- 1.Enhance water retention and improve the strength of mortar
 - 2.The mortar improved by using cellulose ether is easier to construct, saves construction time and reduces construction costs

瓷砖粘合剂 Tile adhesive

1. 提高施工速度，提高施工性能
 2. 延长营业时间
- 1.Increase application speed and improve construction performance
 - 2.Extend opening hours

天润产品 诚誉中华

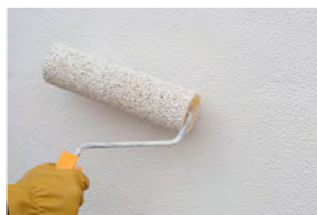
Tianrun products Reputation of China

Application case

施工应用范例

添加可再分散乳胶粉后干混砂浆施工应用范例

Application case of dry mixing mortar construction after adding redispersible polymer powder



粉刷石膏
Gypsum plaster



抹灰砂浆
Plastering mortar



砌筑砂浆
Masonry mortar



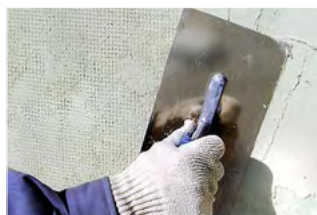
瓷砖粘接剂
Tile adhesive



瓷砖填缝剂
Tile grout



水泥基自流平
Cement-based self-leveling



外墙外保温系统粘接砂浆
External wall insulation system bonding mortar



外墙外保温系统抹面砂浆
External wall insulation system plastering mortar



内外墙耐水腻子
Water-resistant putty for interior and exterior walls



聚合物防水砂浆
Polymer waterproof mortar



硬化耐磨地坪
Hardened wear-resistant floor



彩色饰面砂浆
Color decorating mortar



修补砂浆
Repair mortar



柔性防水砂浆
Flexible waterproof mortar



混凝土界面处理剂
Concrete interface treatment agent



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