

广州雅克化工有限公司
GUANGZHOU YAKOO CHEMICAL CO.,LTD.

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YAKOO  **雅克化工**

原子灰系列 PUTTY SERIES



产品目录

YK-610	01-02
轻质合金原子灰/Lightweight Alloy Putty 应用面积更大, 综合成本更低 Applied area is larger, the cost is lower	
YK-620	03-04
耐高、低温原子灰 /High and Low Temperature Resistance Putty 能够经受200℃高温烘烤 Resistance to high temperature of 200℃	
YK-630	05-06
合金原子灰/Alloy Putty 在锌板上具有极强的附着力 Putty with strong adhesion on zinc	
YK-640	07-08
钣金原子灰/Sheetmetal Putty 快速打磨, 出粉率高 Fast sanding and high starch yield	
YK-650	09-10
纤维原子灰/ Glass Fibre Putty 机械强度高、填充性好 Putty with high mechanical strength and good filling properties	
YK-510	11-12
火车专用原子灰/Putty For Train 可涂刮时间长, 柔韧性好 Putty with high flexibility and long application time	
YK-710	13-14
PU原子灰/PU Putty 在恶劣环境中仍具有极佳的物理机械性能 Putty with excellent mechanical properties under harsh environment	
YK-500	15-16
原厂车专用原子灰/OEM Putty 适合大面积涂装施工 Putty applied for a large area	
YK-520/310/320/330	17-18
通用原子灰/Universal Putty 适用范围广, 性价比高 Putty with wide range of application and high cost performance	

公司简介 Company introduction

广州雅克化工有限公司始创于1996年, 地处广州市花都区炭步工业园。公司主要致力于原子灰及工业漆系列产品的研发、生产与销售, 凭借专业的科研队伍、严格的品质管理和完善的服务体系, 现已发展成为国内最大的原子灰制造商与供应商, 并将努力打造成为国际知名涂料企业。

GUANGZHOU YAKOO CHEMICAL CO.,LTD., which locates in Tanbu Industrial Park, Huadu district of Guangzhou, was established in 1996. The company is dedicated to the development, manufacture, sales of putty and industrial paint. Relying on the professional research team, strict quality control and personalized service, the company has become the biggest manufacturer and supplier of putty in China. The mission is to build an international renowned coating enterprise.

YK-610

轻质合金原子灰/Lightweight Alloy Putty



施工工艺

Construction Procedure



底材处理：用P80-P120砂纸打磨待刮灰底材表面，去油污及水份，干燥待用。
Substrates preparation: degrease, sand dry P80-P120 and degrease again.



混合待用：将主灰与固化剂按100:1-2.5混合充分，使颜色均匀一致。
Mixing: the putty and the hardener should be mixed well by 100:1-2.5, to get uniform color.



刮涂：将混合好的原子灰在4-6分钟/25℃的可操作时间内，刮涂于经过处理的底材表面。
Applying: apply the Mixed Putty on the prepare surface within 4-6 min (25℃).



打磨：刮涂后30分钟/25℃，即可干磨。
Sanding: dry sand after applied 30 min(25℃).

技术参数

Technical Data Sheet

项目Item	性能指标 Performance Index	试验标准 Test standard
物料状态 Material status	灰色，均匀膏状体 Grey, uniform viscous liquid	GB3186-82
干磨时间/min Sanding time	≤30	GB1728-79 两法规定进行
附着力/MPa Adhesion	≥4	GB5210-85
密度/g/cm ³ Density	1.2-1.4	GB/T6750-86

产品特点

Characteristics

YK-610轻质合金灰，灰质细腻，灰体比重轻，用于汽车修补，能够有效减轻车身重量，主要用于汽车引擎盖，车门，后备箱门等活动部件的翻新与修补。

YK-610 Lightweight Alloy Putty, the putty is fine and smooth, its proportion is light and used for automobile repair, which can effectively decrease the automobile body weight, especially suitable for automobile engine hood, doors, trunk door and other movable parts' renovation and repair.

适用底材

Substrates

锌板、铝板、钢板、铁板、玻璃钢及旧漆层
Zinc panel, aluminium panel, steel panel, iron panel, glass fibre and old paint coatings.

施工配比

Mixing ratio

原子灰：固化剂 = 100:1-2.5 (重量比)
Putty : Hardener = 100:1-2.5 (by weight)

注：可操作时间4-6分钟（依据固化剂的比例和温度的变化而不同）
Note: pot life 4-6min (according to ratio of Hardener and the temperature)

注意事项

Notices

- 涂刮时若有气泡渗入，必须用刮刀彻底刮平，以确保良好的附着力。
When there is air bubble while application, fully scrape to evenness with scraper to ensure good adhesion.
- 合金原子灰配有专用BPO固化剂，不得和其它原子灰固化剂混用。
The alloy putty should not be mixed with the hardener that is used for other putties.
- 未使用完的原子灰及固化剂需密封保存，加有固化剂的原子灰不可放回原罐内。
Containers which are opened must be carefully resealed, the putty mixed with hardener should not be returned to the original container.
- 存放于阴凉、干燥处，远离高温及火源，避免阳光直射。
Store in a dry, cool place, keep away from sources of fire and heat. Direct sunlight should be avoided.
- 储存时间：12个月/25℃。
Storage time: 12 months at a temperature of 25℃.



YK-620

耐高、低温原子灰/High and Low Temperature Resistance Putty

产品特点 Characteristics

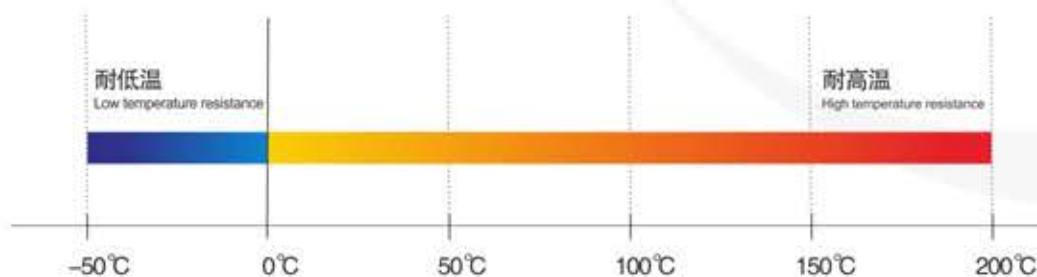
YK-620耐高、低温原子灰，是该类产品中能够经受200℃高温“烤验”的原子灰，具有超强的耐温变性和极佳的附着力。主要适用于粉末喷涂、五金工件或其他对高、低温有较高要求的底材表面。

YK-620 High and Low Temperature Resistance Putty provides high temperature and temperature changing resistance. It offers good adhesion even with thermal treatment up to 200°C. It is suitable for powder spraying and other mechanical substrates that generate high temperature.



适用底材 Substrates

钢板、铁板、玻璃钢及旧漆层
Steel panel, iron panel, glass fibre and old paint coatings.



施工配比 Mixing ratio

原子灰:固化剂 = 100:1-2.5 (重量比)
Putty :Hardener=100:1-2.5 (by weight)

注:可操作时间4-6分钟(依据固化剂的比例和温度的变化而不同)
Note: pot life 4-6min (according to ratio of Hardener and the temperature)

施工工艺 Construction Procedure



底材处理:用P80-P120砂纸打磨待刮灰底材表面,去油污及水份,干燥待用。
Substrates preparation: degrease, sand dry P80-P120 and degrease again.



混合待用:将主灰与固化剂按100:1-2.5混合均匀,使颜色一致。
Mixing: the putty and the hardener should be mixed well by 100:1-2.5, to get uniform color.



刮涂:将混合好的原子灰在4-6分钟/25℃的可操作时间内,刮涂于经过处理的底材表面。
Applying: apply the Mixed Putty on the prepare surface within 4-6 min (25°C).



打磨:刮涂后30分钟/25℃,即可干磨。
Sanding: dry sand after applied 30 min(25°C).

技术参数 Technical data sheet

项目 Item	性能指标 Performance Index	试验标准 Test standard
物料状态 Material status	浅灰白色,均匀膏状体 Light offwhite, uniform viscous liquid	GB3186-82
柔韧性/mm Flexibility	≤100	GB1770-79
附着力/Mpa Adhesion	≥5	GB5210-85
耐热性(200±2)℃*1h Thermal resistance	不脱粉、不开裂、不脱落 No peel-off, no crack	GB1735-79 漆膜耐热性测定法

注意事项 Notices

- 涂刮时若有气泡渗入,必须用刮刀彻底刮平,以确保良好的附着力。
When there is air bubble while application, fully scrape to evenness with scraper To ensure good adhesion.
- 合金原子灰配有专用BPO固化剂,不得和其它原子灰固化剂混用。
The alloy putty should not be mixed with the hardener that is used for other putties.
- 要200℃高温烘烤时,也必须室温固化3小时后才能进行(依据室温变化)。
Immediate baking at 200°C should not be conducted until curing for 3 hours.
- 未使用完的原子灰及固化剂需密封保存,加有固化剂的原子灰不可放回原罐内。
Containers which are opened must be carefully resealed, the putty mixed with hardener should not be returned to the original container.
- 存放于阴凉、干燥处,远离高温及火源,避免阳光直射。
Store in a dry, cool place, keep away from sources of fire and heat. Direct sunlight should be avoided.
- 储存时间:12个月/25℃。
Storage time: 12 months at a temperature of 25°C.

YK-630

合金原子灰 / Alloy Putty

产品特点

Characteristics

YK-630合金原子灰，是在锌板上附着力最好的原子灰，适用于包括镀锌板在内的多种金属底材表面。干燥时间短，可快速打磨，特别适合汽车4S站之快修快补。

YK-630 Alloy Putty gives excellent adhesion to various substrates, including galvanized zinc. Its easy application, rapid curing and soft sanding characteristics reduce the time of repair. It is particularly suitable for 4S Auto station.

适用底材

Substrates

锌板、铝材、电镀、钢板、铁板、玻璃钢、焊缝及旧漆层等
Zinc, aluminium, galvanize, steel panel, iron panel, glass fibre, seam welding and old paint coatings.

施工配比

Mixing ratio

原子灰：固化剂 = 100：1-2.5 (重量比)
Putty : Hardener = 100:1-2.5 (by weight)
注：可操作时间4-6分钟 (依据固化剂的比例和温度的变化而不同)
Note: pot life 4-6min (according to ratio of Hardener and the temperature)



施工工艺

Construction Procedure



底材处理：用P80-P120砂纸打磨待刮灰底材表面，去油污及水份，干燥待用。
Substrates preparation: degrease, sand dry P80-P120 and degrease again.



混合待用：将主灰与专用BPO固化剂按100：1-2.5混合，使颜色均匀一致。
Mixing: the putty and the hardener should be mixed well by 100:1-2.5, to get uniform color.



刮涂：将混合好的原子灰在4-6分钟/25℃的可操作时间内，刮涂于经过处理的底材表面。

Applying: apply the Mixed Putty on the prepare surface within 4-6 min (25℃).



打磨：刮涂后25分钟/25℃，即可干磨。
Sanding: dry sand after applied 25 min(25℃).

技术参数

Technical Data Sheet

项目 Item	性能指标 Performance Index	试验标准 Test standard
物料状态 Material status	黄色，均匀膏状体 Yellow, uniform viscous liquid	GB3186-82
干磨时间/min Sanding time	≤25	GB1728-79 丙法规定进行
附着力/MPa Adhesion	≥4	GB5210-85

注意事项

Notices

- 涂刮时若有气泡渗入，必须用刮刀彻底刮平，以确保良好的附着力。
When there is air bubble while application, fully scrape to evenness with scraper to ensure good adhesion.
- 合金原子灰配有专用BPO固化剂，不得和其它原子灰固化剂混用。
The alloy putty should not be mixed with the hardener that is used for other putties.
- 未使用完的原子灰及固化剂需密封保存，加有固化剂的原子灰不可放回原罐内。
Containers which are opened must be carefully resealed, the putty mixed with hardener should not be returned to the original container.
- 存放于阴凉、干燥处，远离高温及火源，避免阳光直射。
Store in a dry, cool place, keep away from sources of fire and heat. Direct sunlight should be avoided.
- 储存时间：12个月/25℃。
Storage time: 12 months at a temperature of 25℃.



PUTTY: 6can X 1.5kg/ctn (N.W.)
HARDENER: 6pcs X 50g/ctn (N.W.)

YK-640

钣金原子灰 / Sheetmetal Putty

产品特点

Characteristics

钣金原子灰,干燥时间短,可涂刮时间长,羽状边光滑平整。打磨后致密性好,主要用于汽车外壳、机械设备等表面的填平。
Sheetmetal Putty can be scraped for a long time, the dry time is short, the pinniform edge is smooth, the compactness is good after polishing, it is mainly used for filling up the surface of automobile shell, machinery and equipment.

适用底材

Substrates

锌板、铝材、钢板、铁板、玻璃钢、焊缝及旧漆层等
Zinc, aluminium, steel panel, iron panel, glass fibre, seam welding and old paint coatings.

施工配比

Mixing ratio

原子灰:固化剂 = 100: 1-2.5 (重量比)
Putty :Hardener=100:1-2.5 (by weight)
注:可操作时间4-6分钟(依据固化剂的比例和温度的变化而不同)
Note: pot life 4-6min (according to ratio of Hardener and the temperature)



施工工艺

Construction Procedure



底材处理:用P80-P120砂纸打磨待刮灰底材表面,去油污及水份,干燥待用。
Substrates preparation: degrease, sand dry P80-P120 and degrease again.



混合待用:将主灰与专用BPO固化剂按100:1-2.5混合,使颜色均匀一致。
Mixing: the putty and the hardener should be mixed well by 100:1-2.5, to get uniform color.



刮涂:将混合好的原子灰在4-6分钟/25℃的可操作时间内,刮涂于经过处理的底材表面。
Applying: apply the Mixed Putty on the prepare surface within 4-6 min (25℃).



打磨:刮涂后20分钟/25℃,即可干磨。
Sanding: dry sand after applied 20 min(25℃).

技术参数

Technical Data Sheet

项目 Item	性能指标 Performance Index	试验标准 Test standard
物料状态 Material status	黄色,均匀膏状体 Yellow, uniform viscous liquid	GB3186-82
干磨时间/min Sanding time	≤20	GB1728-79 丙法规定进行
附着力/MPa Adhesion	≥2.5	GB5210-85

注意事项

Notices

- 涂刮时若有气泡渗入,必须用刮刀彻底刮平,以确保良好的附着力。
When there is air bubble while application, fully scrape to evenness with scraper to ensure good adhesion.
- 合金原子灰配有专用BPO固化剂,不得和其它原子灰固化剂混用。
The alloy putty should not be mixed with the hardener that is used for other putties.
- 未使用完的原子灰及固化剂需密封保存,加有固化剂的原子灰不可放回原罐内。
Containers which are opened must be carefully resealed, the putty mixed with hardener should not be returned to the original container.
- 存放于阴凉、干燥处,远离高温及火源,避免阳光直射。
Store in a dry, cool place, keep away from sources of fire and heat. Direct sunlight should be avoided.
- 储存时间:6个月/25℃。
Storage time: 6 months at a temperature of 25℃.



PUTTY:4canX4kg/ctn (N.W.)
HARDENER:12pcsX45g/ctn (N.W.)
PUTTY:6canX2kg/ctn (N.W.)
HARDENER:6pcsX50g/ctn (N.W.)

YK-650

纤维原子灰 / Glass Fibre Putty

产品特点

Characteristics

YK-650纤维原子灰，具有很高的机械强度和很好的填充性；主要用于修补玻璃钢部件表面的凹坑和填充较深的孔洞等。

YK-650 Glass Fibre Putty exhibits fine filler that has a high mechanical strength and good filling properties. So it is mainly used for the repairing of damaged glass fibre substrates or filling of deep holes.

适用底材

Substrates

玻璃钢、钢板、铁板、旧漆层等
Glass fibre, steel panel, iron panel and old paint coatings.

施工配比

Mixing ratio

原子灰：固化剂 = 100：1-2.5（重量比）
Putty : Hardener = 100:1-2.5 (by weight)
注：可操作时间6-8分钟（依据固化剂的比例和温度的变化而不同）
Note: pot life 6-8min (according to ratio of Hardener and the temperature)

施工工艺

Construction Procedure



表面处理：用P80-P120砂纸打磨待刮灰底材表面，去油污及水份，干燥待用。
Substrates preparation: degrease, sand dry P80-P120 and degrease again.



混合待用：将主灰与固化剂按100：1-2.5混合充分，使色泽一致。
Mixing: the putty and the hardener should be mixed by 100:1-2.5, to get uni-form color.



刮涂：将混合好的原子灰在6-8分钟/25℃的可操作时间内，刮涂于经过处理的底材表面。
Applying: apply the Mixed Putty on the prepare surface within 6-8 min (25℃).



打磨：刮涂后40分钟/25℃，即可打磨。
Sanding: sand after applied 40 min(25℃).

技术参数

Technical data sheet

项目 Item	性能指标 Performance Index	试验标准 Test standard
物料状态 Material status	浅绿色，纤维状稠状体 Light green, fibrous viscous liquid	GB3186-82
柔韧性/mm Flexibility	≤100	GB1770-79
附着力/Mpa Adhesion	≥5	GB5210-85

注意事项

Notices

- 涂刮时若有气泡渗入，必须用刮刀彻底刮平，以确保良好的附着力。
When there is air bubble while application, fully scrape to evenness with scraper to ensure good adhesion.
- 纤维原子灰配有专用固化剂，不得和其它原子灰固化剂混用。
The Glass Fibre Putty should not be mixed with the hardener that is used for other putties.
- 未使用完的原子灰及固化剂需密封保存，加有固化剂的原子灰不可放回原罐内。
Containers which are opened must be carefully resealed, the putty mixed with hardener should not be returned to the original container.
- 存放于阴凉、干燥处，远离高温及火源，避免阳光直射。
Store in a dry, cool place, keep away from sources of fire and heat. Direct sunlight should be avoided.
- 储存时间：12个月/25℃。
Storage time: 12 months at a temperature of 25℃.



PUTTY: 4can X 2.0kg/ctn (G.W.)
HARDENER: 4pcs X 60g/ctn (G.W.)

YK-510

火车专用原子灰/Putty For Train

产品特点

Characteristics

YK-510火车专用原子灰，柔韧性好，前期操作时间长，后期固化速度快。特别适合轻轨列车、动车组，以及其它汽车、机床工业上的大面积施工。（操作时间最长可达60分钟，且180分钟内可进行打磨）

YK-510 Putty for train offers ultra flexibility, long operating time and fast curing after application. It is particularly suitable for Light Rail Transport, Multiple Units Train, automobiles and other industrial machine. (The longest operating time up to 60 min, and the sanding time is within 180min.)

适用底材

Substrates

钢板、铁板、玻璃钢、旧漆层等
Steel panel, iron panel, glass fibre and old paint coatings.



施工配比

Mixing ratio

原子灰：固化剂 = 100：1.5-3（重量比）
Putty : Hardener = 100:1.5-3 (by weight)

注：可操作时间40-60分钟（依据固化剂的比例和温度的变化而不同）
Note: pot life 40-60min (according to ratio of Hardener and the temperature)

施工工艺

Construction Procedure



表面处理：用P80-P120砂纸打磨待刮灰底材表面，去油污及水份，干燥待用。
Substrates preparation: degrease, sand dry P80-P120 and degrease again.



混合待用：将主灰与专用固化剂按100:1.5-3混合充分，使均匀一致。
Mixing: the putty and the hardener should be mixed by 100:1.5-3, to get uniform color.



刮涂：将混合好的原子灰在40-60分钟/25℃的可操作时间内，刮涂于经过处理的底材表面。
Applying: apply the Mixed Putty on the prepare surface within 40-60 min (25℃).



打磨：刮涂后90-120分钟/25℃，即可打磨。
Sanding: sand after applied 90-120 min(25℃).

技术参数

Technical data sheet

项目 Item	性能指标 Performance index	试验标准 Test standard
涂刮时间/min pot life	± 50	GB1727-92
柔性/mm Flexibility	< 50	GB1770-79
耐温变性(3个循环) Temperature Variation Resistance	不开裂、不脱落 No crack, no peel-off (120℃*1h + 25℃*1h + -50℃*1h)	企业标准

注意事项

Notices

- 涂刮时若有气泡渗入，必须用刮刀彻底刮平，以确保良好的附着力。
When there is air bubble while application, fully scrape to evenness with scraper to ensure good adhesion.
- 弹性原子灰为专用固化剂，不得和其它原子灰固化剂混用。
The Elastic Putty should not be mixed with the hardener that is used for other putties.
- 未使用完的原子灰及固化剂需密封保存，加有固化剂的原子灰不可放回原罐内。
Containers which are opened must be carefully resealed, the putty mixed with hardener should not be returned to the original container.
- 存放于阴凉、干燥处，远离高温及火源，避免阳光直射。
Store in a dry, cool place, keep away from sources of fire and heat. Direct sunlight should be avoided.
- 储存时间：12个月/25℃。
Storage time: 12 months at a temperature of 25℃.



YK-710

PU原子灰 /PU Putty

产品特点

Characteristics

YK-710 PU 原子灰，固化收缩小，涂层密度高，密着性极好，耐久性佳。主要用于风力发电机叶片等。

YK-710 PU Putty shows little shrinkage while curing. After application it forms perfect, smooth coat even when applied on a large surface. Its high density, good durability make itself particularly suitable for painting of wind turbine blades.

适用底材

Substrates

玻璃钢、钢板、铁板车、旧漆膜等
Glass fibre, steel panel, iron panel and old paint coatings.



施工配比

Mixing ratio

原子灰：固化剂 = 3.5-4:1 (重量比)
Putty :Hardener=3.5-4:1 (by weight)

注：可操作时间8-12分钟（依据固化剂的比例和温度的变化而不同）
Note: pot life 8-12min (according to ratio of Hardener and the temperature)

施工工艺

Construction Procedure



表面处理：用P80-P120砂纸打磨钢铁、玻璃钢或旧漆膜表面，去油污及水份，干燥待用。
Substrates preparation: degrease, sand dry P80-P120 and degrease again.



混合待用：将主灰与配套固化剂按3.5-4:1混合均匀，使色泽一致。
Mixing: the putty and the hardener should be mixed well by 3.5-4:1, to get uniform color.



刮涂：将混合好的原子灰在8-12分钟/25℃的可操作时间内，刮涂于经过处理的底材表面。

Applying: apply the Mixed Putty on the prepare surface within 8-12min (25℃).



打磨：刮涂后3小时/25℃，即可干磨。
Sanding: dry sand after applied 3 hours(25℃).

技术参数

Technical data sheet

项目 Item	性能指标 Performance Index	试验标准 Test standard
物料状态 Material status	灰色，均匀稠状体 Grey, uniform viscous liquid	GB3186-82
柔性/mm Flexibility	≤50	GB1770-79
冲击强度/kg.cm Impact strength	≥30	GB1732-93
附着力/Mpa Adhesion	≥5	GB5210-85

注意事项

Notices

1. PU原子灰配有专用固化剂，不得与其它原子灰固化剂混用。
The PU Putty should not be mixed with the hardener that is used for other putties.
2. PU原子灰固化剂易吸水固化，开盖取用后应尽快密封保存；加有固化剂的原子灰不可放回原罐内。
Containers which are opened must be carefully resealed, the putty mixed with hardener should not be returned to the original container.
3. 存放于阴凉、干燥处，远离高温及火源，避免阳光直射。
Store in a dry, cool place, keep away from sources of fire and heat. Direct sunlight should be avoided.
4. 储存时间：12个月/25℃。
Storage time: 12 months at a temperature of 25℃.



PUTTY:4canX4.0kg/ctn (G.W.)

YK-500

原厂车专用原子灰/OEM Putty

产品特点

Characteristics

YK-500原厂车专用原子灰，灰体细腻、容易涂刮、耐温变性强、附着力好。特别适用于商务车、原厂车、大型巴士、汽车改装厂的整车涂装。

YK-500 OEM putty offers easy application, good sanding characteristics and low curing shrinkage. Together with good adhesion, these characteristics make the putty suitable for application on large surfaces. Such as whole painting of buses, commercial vehicles, original car, etc.

适用底材

Substrates

钢板、铁板、玻璃钢及旧漆层等
Steel panel, iron panel, glass fibre and old paint coatings.



施工工艺

Construction Procedure



表面处理：用P80-P120砂纸打磨待刮灰底材表面，去油污及水份，干燥待用。
Substrates preparation: degrease, sand dry P80-P120 and degrease again.



混合待用：将主灰与固化剂按100:1.5-3混合均匀，使色泽一致。
Mixing: the putty and the hardener should be mixed by 100:1.5-3, to get uniform color.



刮涂：将调好的原子灰在9-13分钟/25℃的可操作时间内，刮涂于经过处理的底材表面。
Applying: apply the Mixed Putty on the prepare surface within 9-13min (25℃).



打磨：刮涂后60-80分钟/25℃，即可打磨。
Sanding: sand after applied 60-80 min(25℃).

技术参数

Technical data sheet

项目 Item	性能指标 Performance Index	试验标准 Test standard
物料状态 Material status	浅灰白，均匀稠状体 Light offwhite, uniform viscous liquid	GB3186-82
柔韧性/mm Flexibility	< 50	GB1770-79
冲击强度/kg.cm Impact strength	≥30	GB1732-93
附着力/Mpa Adhesion	≥5	GB5210-85
耐温变性(3个循环) Temperature Variation Resistance	不开裂、不脱落 No crack, no peel-off (120℃*1h + 25℃*1h + -50℃*1h)	企业标准

注意事项

Notices

- 涂刮时若有气泡渗入，必须用刮刀彻底刮平，以确保良好的附着力。
When there is air bubble while application, fully scrape to evenness with scraper to ensure good adhesion.
- 如需要厚涂，最好分多次薄刮至所需厚度。
In case of scraping of thick coating, it is preferable to apply in thin coating for several times till reaching the required thickness.
- 未使用完的原子灰及固化剂需密封保存，加有固化剂的原子灰不可放回原罐内。
Containers which are opened must be carefully resealed, the putty mixed with hardener should not be returned to the original container.
- 存放于阴凉、干燥处，远离高温及火源，避免阳光直射。
Store in a dry, cool place, keep away from sources of fire and heat. Direct sunlight should be avoided.
- 储存时间：6个月/25℃。
Storage time: 6 months at a temperature of 25℃.

施工配比

Mixing ratio

原子灰：固化剂 = 100:1.5-3 (重量比)
Putty : Hardener = 100:1.5-3 (by weight)
注：可操作时间9-13分钟 (依据固化剂的比例和温度的变化而不同)
Note: pot life 9-13min (according to ratio of Hardener and the temperature)



PUTTY: 4 cans x 4.2kg/ctn (G.W.)
HARDENER: 4 pcs x 100g/ctn (G.W.)

YK-520/YK-310/YK-320/YK-330 通用原子灰/Universal Putty

产品特点 Characteristics

适用范围广，性价比高。易打磨、附着力好，且后期固化快，适合快修快补。广泛用于汽车、卡车、机床、机械、船舶、家具，同时在房屋装修上也有应用。

Universal Putty is the most universal polyester putty in our range of products. It offers very good performance at a reasonable price. So the product has been widely used in filling of automobiles, trucks, machine tools, ship-building and furniture, also it has good application in decoration of buildings.

适用底材 Substrates

钢板、铁板、玻璃钢、木材、旧漆层等
Steel panel, iron panel, glass fibre, wooden material and old paint coatings.

施工配比 Mixing ratio

原子灰：固化剂 = 100：1.5-3（重量比）
Putty : Hardener = 100:1.5-3 (by weight)
注：可操作时间5-7分钟（依据固化剂的比例和温度的变化而不同）
Note: pot life 5-7min (according to ratio of Hardener and the temperature)



PUTTY: 4 cans x 4.05 kg / ctn (G.W.)
HARDENER: 4 pcs x 100g / ctn (G.W.)



PUTTY: 4 cans x 4.0 kg / ctn (G.W.)
4 cans x 3.5 kg / ctn (G.W.)
HARDENER: 4 pcs x 100g / ctn (G.W.)
4 pcs x 80g / ctn (G.W.)



PUTTY: 4 cans x 4.0 kg / ctn (G.W.)
4 cans x 3.5 kg / ctn (G.W.)
HARDENER: 4 pcs x 100g / ctn (G.W.)
4 pcs x 80g / ctn (G.W.)

施工工艺 Construction Procedure



表面处理：用P80-P120砂纸打磨待刮灰底材表面，去油污及水份，干燥待用。
Substrates preparation: degrease, sand dry P80-P120 and degrease again.

混合待用：将主灰与固化剂按100：1.5-3混合均匀，使色泽一致。
Mixing: the putty and the hardener should be mixed by 100:1.5-3, to get uniform color.

刮涂：将调好的原子灰在5-7分钟/25℃的可操作时间内，刮涂于经过处理的底材表面。
Applying: apply the Mixed Putty on the prepare surface within 5-7min (25℃).

打磨：刮涂后30-50分钟/25℃，即可打磨。
Sanding: sand after applied 30-50 min (25℃).

技术参数 Technical data sheet

项目 Item	性能指标 Performance Index				试验标准 Test standard
	YK-520	YK-310	YK-320	YK-330	
产品编号 Product number	YK-520	YK-310	YK-320	YK-330	
物料状态 Material status	浅灰白, 均匀稠状体 Light grey, uniform viscous liquid				GB3186-82
柔韧性/mm Flexibility	≤50	≤100	≤100	≤100	GB1770-79
耐热性 (80℃*5h) Thermal resistance	不脱粉、不开裂、不脱落 No peel-off, no crack				企业标准
附着力/Mpa Adhesion	≥4	≥3.5	≥2.5	≥2	GB5210-85

注意事项 Notices

- 涂刮时若有气泡渗入，必须用刮刀彻底刮平，以确保良好的附着力。
When there is air bubble while application, fully scrape to evenness with scraper to ensure good adhesion.
- 如需要厚涂，最好分多次薄刮至所需厚度。
In case of scraping of thick coating, it is preferable to apply in thin coating for several times till reaching the required thickness.
- 未使用完的原子灰及固化剂需密封保存，加有固化剂的原子灰不可放回原罐内。
Containers which are opened must be carefully resealed, the putty mixed with hardener should not be returned to the original container.
- 存放于阴凉、干燥处，远离高温及火源，避免阳光直射。
Store in a dry, cool place, keep away from sources of fire and heat. Direct sunlight should be avoided.
- 储存时间：6个月/25℃。
Storage time: 6 months at a temperature of 25℃.



QUALITY CERTIFICATION

资质认证

通过ISO9001:2008质量管理体系认证；
通过ISO14001:2004环境管理体系认证；
通过SGS测试，符合欧盟ROHS标准。



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