# Crafting Items

These items have no purpose except to craft with. Don't fret! They aren't an unnecessary step, they actually help us reduce the cost of in-game items!

- Paint Filler
- Plates
- Refined Leather
- Rivets
- Treated Leather
- Whitewash Finish

# Paint Filler

**Description:** Paint Filler is an item that can be used to craft greater amounts of dye.

> Paint Filler was moved to SWPM and removed from SWEM as of the 1.18 version.

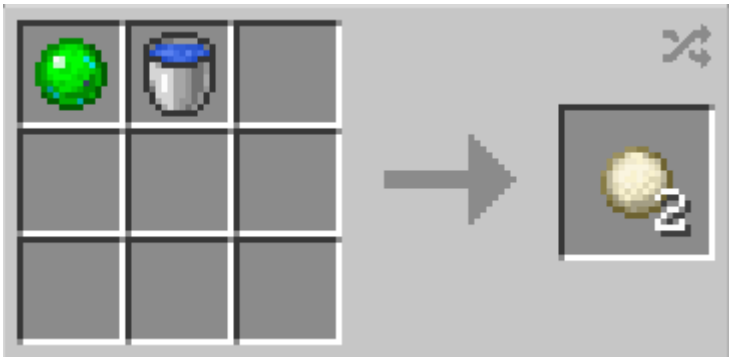
**Details:**

| | |
|---|---|
| **Rarity color:** | Common |
| **Renewable:** | Yes |
| **Stackable:** | Yes (64) |
| **Durability:** | None |

## Obtaining

### Crafting

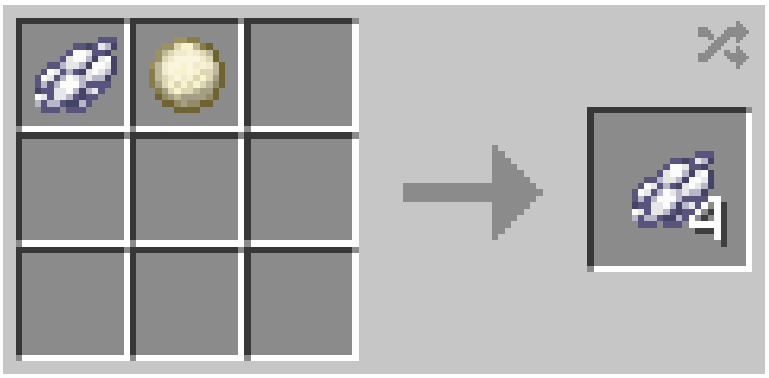
Paint Filler can be crafted with 1 Bucket of Water and 1 Star Worm Goop
Paint Filler can be crafted with Slime in SWPM (1.18.2)



## Usage

### Crafting ingredient

Paint Filler can be crafted with any dye to make four of the item.



## Known Issues

If you find an issue, please report it to our bugs channel on Discord. We ask that you look to see if your issue was reported first!

## Data values

swem:paint_filler

# Plates

**Description:** A plate is an item that can be used in crafting.

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**Details:**

| | |
|---|---|
| **Rarity color:** | Common |
| **Renewable:** | Yes |
| **Stackable:** | Yes (64) |
| **Durability:** | None |

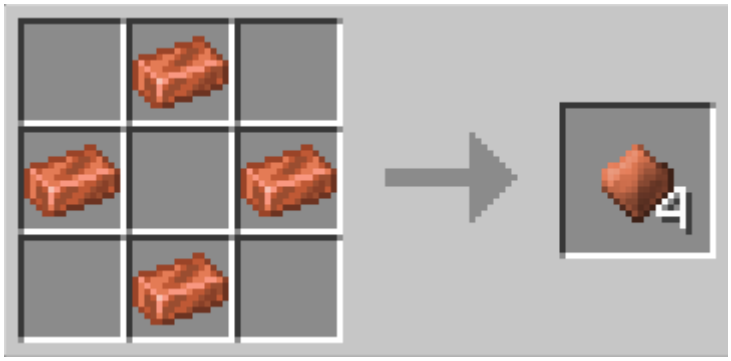
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## Obtaining

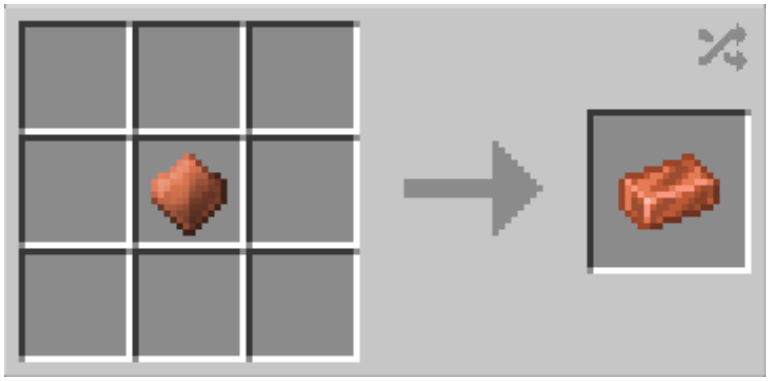
### Crafting

**Copper Plate**

4 Copper Plates can be crafted with 4 Iron Ingots.

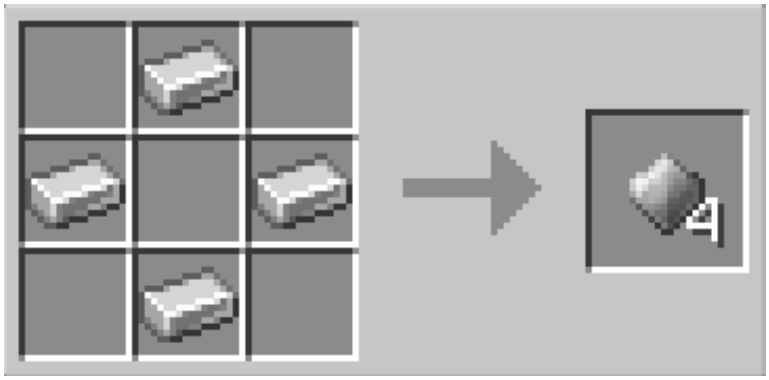


Copper Plates can be broken down into 1 Copper Ingot.

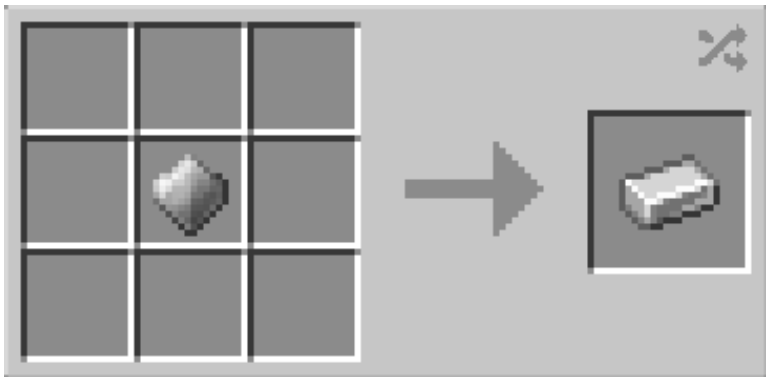


### Iron Plate

4 Iron Plates can be crafted with 4 Iron Ingots.

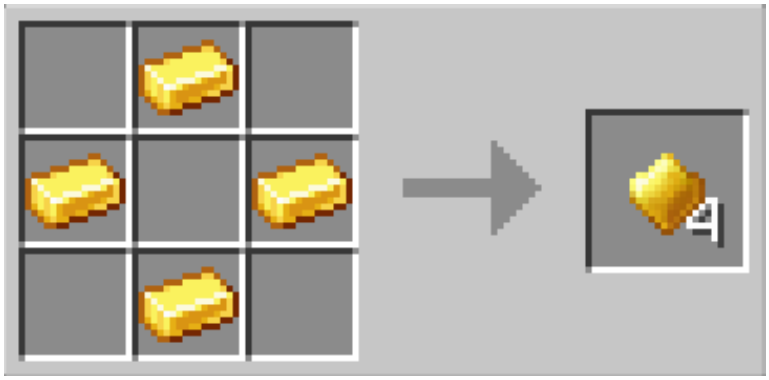


Iron Plates can be broken down into 1 Iron Ingot.

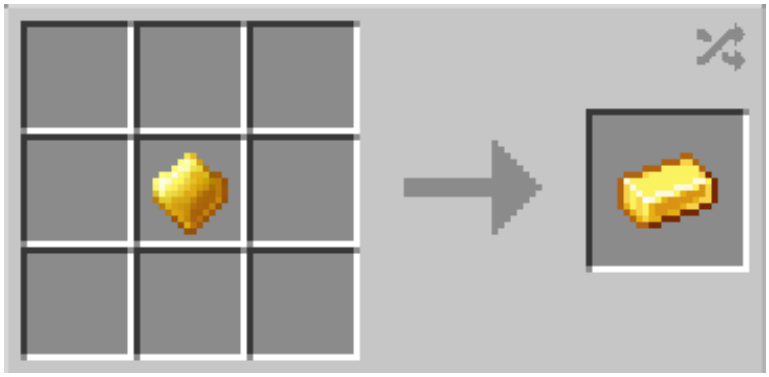


### Gold Plate

4 Gold Plates can be crafted with 4 Gold Ingots.

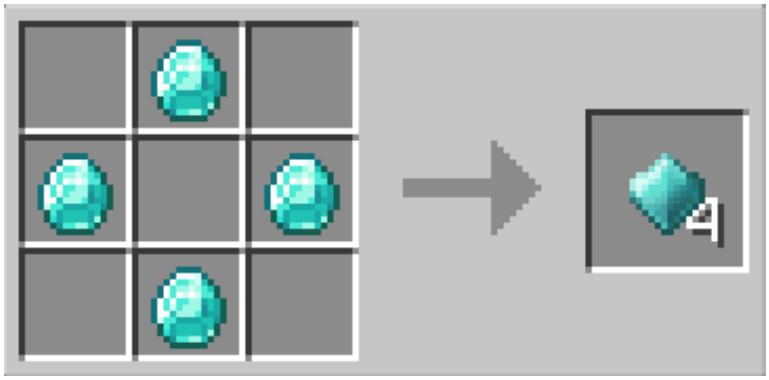


Gold Plates can be broken down into 1 Gold Ingot.

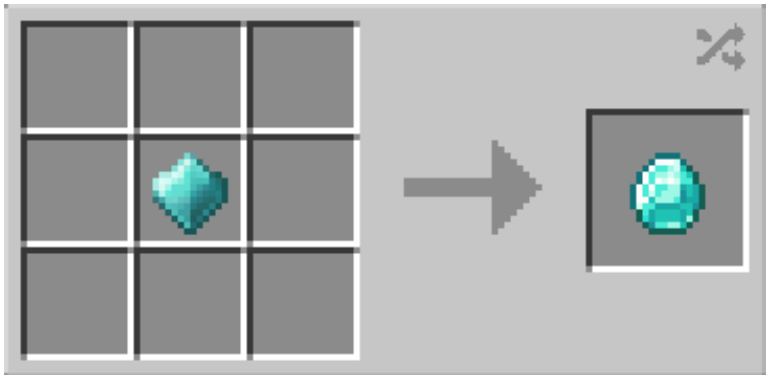


**Diamond Plate**

4 Diamond Plates can be crafted with 4 Diamond Ingots.



Diamond Plates can be broken down into 1 Diamond.

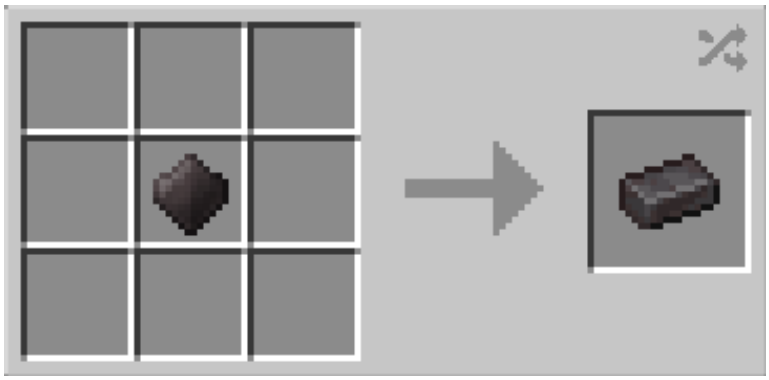


**Netherite Plate**

4 Netherite Plates can be crafted with 4 Netherite Ingots.



Netherite Plates can be broken down into 1 Netherite Ingot.



# Usage

**Crafting ingredient**
Rivets are used in the crafting of:

- Amethyst Weapons: Amethyst Swords, Scythes, Shields, Bows
- Amethyst Tools:

- Player Armor: Amethyst Helmet, Amethyst Chestplate, Amethyst Leggings, Riding Boots (Amethyst tier)
- Horse Armor: Horse Armor
- Miscellaneous:

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# Known Issues

If you find an issue, please report it to our bugs channel on Discord. We ask that you look to see if your issue was reported first!

- Copper, Gold and Netherite tier plates have no in-game use. **Bug Report**

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# Changelog

**View Changes**

> This is not a complete list of version changes / fixes. It is a changelog of relevant wiki-related version information.

| MC Version | Release | Notes |
|---|---|---|
| `1.21.1` | `1.6.11` | **Tweak:** Removed most plates from loot tables. |
| `1.18.2` | `1.3.0` | **Feature:** Added Netherite tier plates as a crafting component. |
| | | **Tweak:** Updated naming scheme from type_rivets to rivet_type.<br>> Existing items of this type will be lost from saves. |

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# Data values

swem:plate_iron
swem:plate_gold
swem:plate_diamond

swem:plate_netherite

# Refined Leather

**Description:** Refined leather is an item used in crafting.

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**Details:**

| | |
|---|---|
| **Rarity color:** | Common |
| **Renewable:** | Yes |
| **Stackable:** | Yes (64) |
| **Durability:** | None |

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## Obtaining

**Crafting**
Refined leather comes in a single color variant.
3 refined leather can be crafted with 1 Leather, 1 Bucket of Water and 1 Dried Kelp



8 refined leather can be crafted with 8 Treated Leather and 1 Bucket of Water. Alternatively, right click a Spigot (with a water supply) to instantly convert the Treated Leather in to Refined Leather.



## Usage

**Crafting ingredient**

Refined leather is used in the crafting of Bridles, Blankets, Saddles, Girth Straps, Breast Collars, Adventure Leg Wraps, Saddle Bags, Rivets, Plates, Helmets, Chestplates, Leggings, Riding Boots, Amethyst Bows, Amethyst Longswords, and Amethyst Scythes.

## Known Issues

If you find an issue, please report it to our bugs channel on Discord. We ask that you look to see if your issue was reported first!

- `[-]` Horse Armor leather instead of Refined Leather. **Bug Report**

## Changelog

**View Changes**

> This is not a complete list of version changes / fixes. It is a changelog of relevant wiki-related version information.

| MC Version | Release | Notes |
| --- | --- | --- |
| 1.18.2 | 1.18.2-1.0.0 | Refined Leather can be crafted via Treated Leather; a less labor intensive process for bulk leather crafting. |

## Data values

swem:refined_leather

# Rivets

**Description:** A rivet is an item that can be used in crafting. It comes in the types leather, iron, gold, and diamond.

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**Details:**

| | |
|---|---|
| **Rarity color:** | Common |
| **Renewable:** | Yes |
| **Stackable:** | Yes (64) |
| **Durability:** | None |

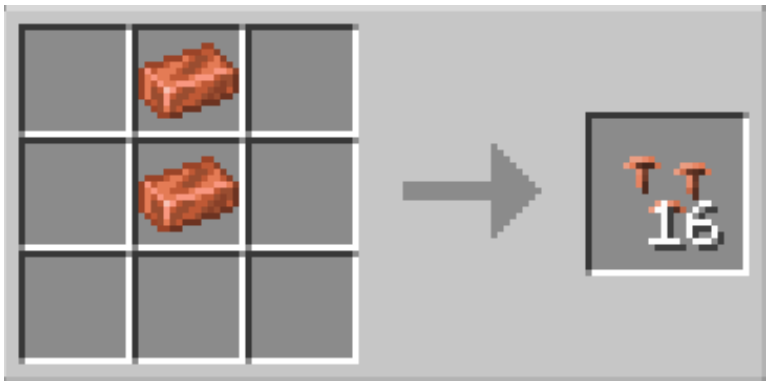
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## Obtaining

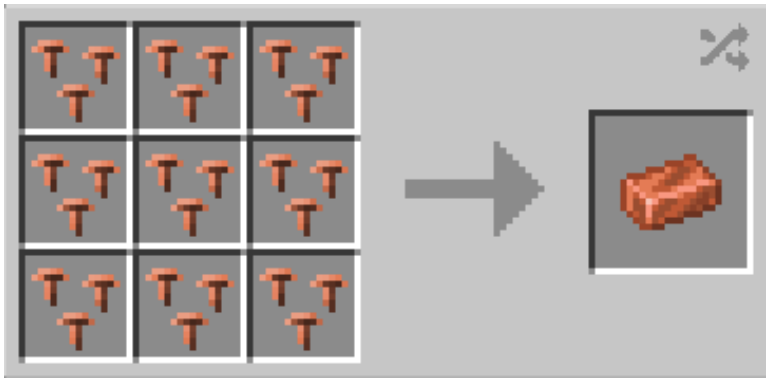
### Crafting

**Copper Rivet**

16 Copper Rivets can be crafted with 2 Copper Ingots.

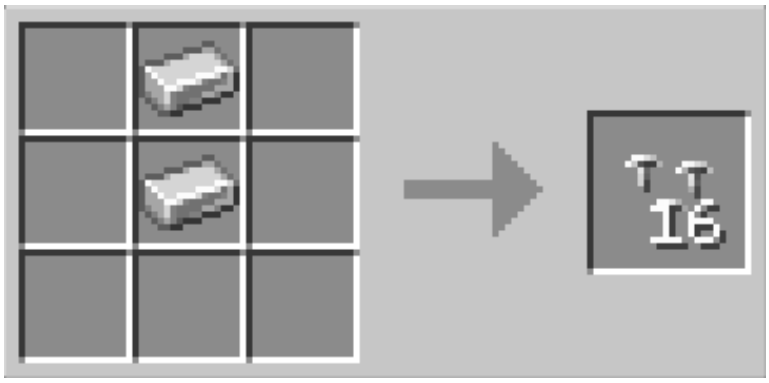



9 Copper Rivets can be broken down into 1 Copper Ingot.

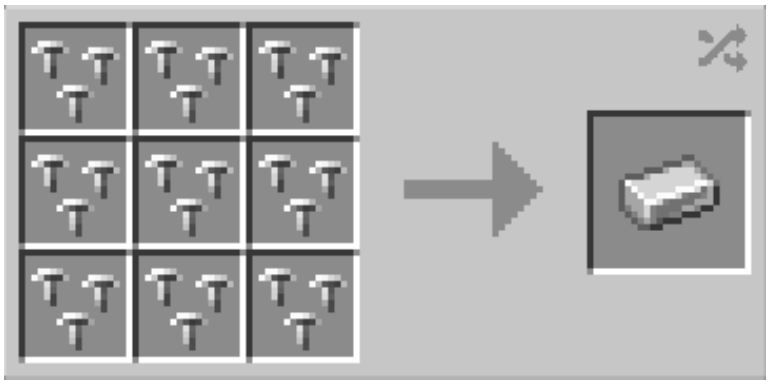


### Iron Rivet

16 Iron Rivets can be crafted with 2 Iron Ingots.

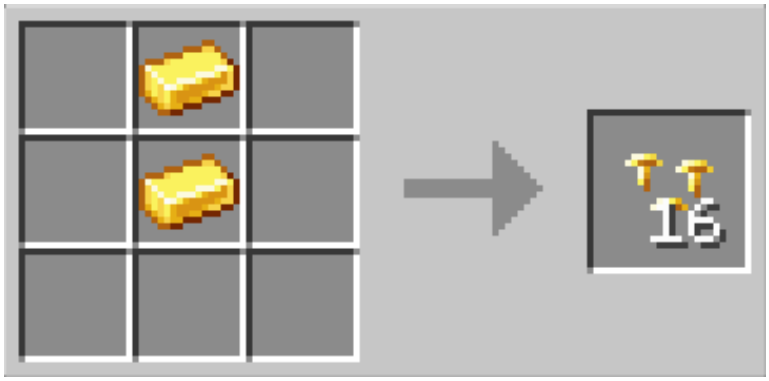



9 Iron Rivets can be broken down into 1 Iron Ingot.



### Gold Rivet

16 Gold Rivets can be crafted with 2 Gold Ingots.

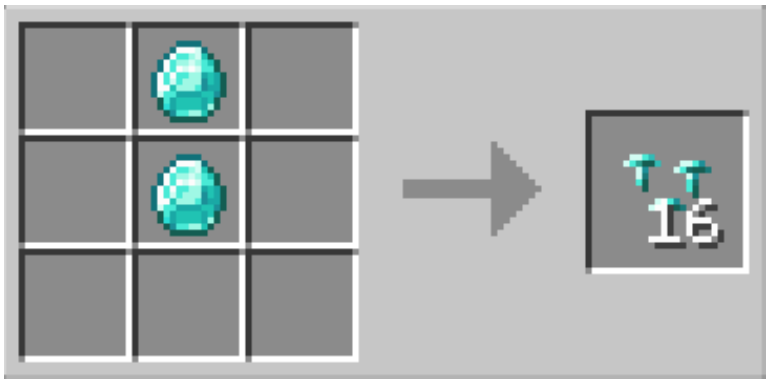



9 Gold Rivets can be broken down into 1 Gold Ingot.

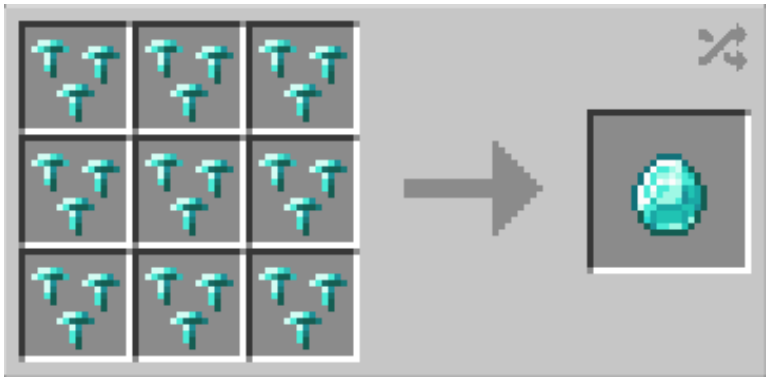


**Diamond Rivet**

16 Diamond Rivets can be crafted with 2 Diamonds.

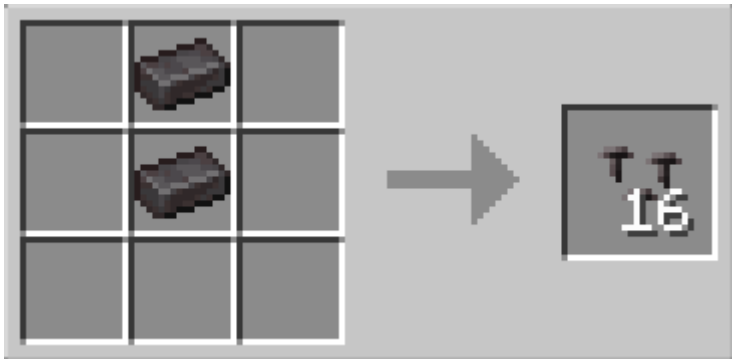



9 Diamond Rivets can be broken down into 1 Diamond.

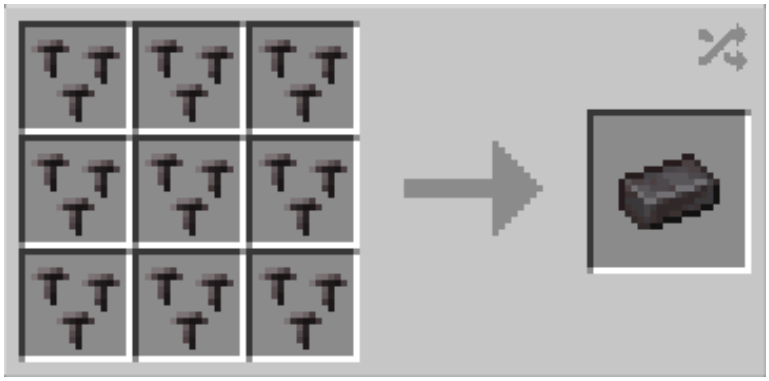


**Netherite Rivet**

16 Netherite Rivets can be crafted with 2 Netherite.




9 Netherite Rivets can be broken down into 1 Netherite Ingot.



# Usage

**Crafting ingredient**
Rivets are used in the crafting of:

- Amethyst Weapons: Amethyst Swords, Scythes, Shields, Bows
- Amethyst Tools:

- Player Armor: Amethyst Helmet, Amethyst Chestplate, Amethyst Leggings, Riding Boots (Amethyst tier)
- Horse Armor: Horse Armor
- Miscellaneous: Block O' Water

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# Known Issues

If you find an issue, please report it to our bugs channel on Discord. We ask that you look to see if your issue was reported first!

- **[-]** Netherite rivets are excessively expensive and will be made cheaper eventually.

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# Changelog

**View Changes**

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| MC Version | Release | Notes |
|---|---|---|
| `1.21.1` | `1.6.11` | **Tweak:** Removed most rivets from loot tables. |
| `1.18.2` | `1.3.0` | **Feature:** Added Netherite tier rivets as a crafting component. |
| | | **Tweak:** Updated naming scheme from type_rivets to rivet_type.<br>> Existing items of this type will be lost from saves. |

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# Data values

swem:rivet_copper
swem:rivet_iron
swem:rivet_gold

swem:rivet_diamond
swem:rivet_netherite

# Treated Leather

**Description:** Treated leather is an item used in crafting.

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**Details:**

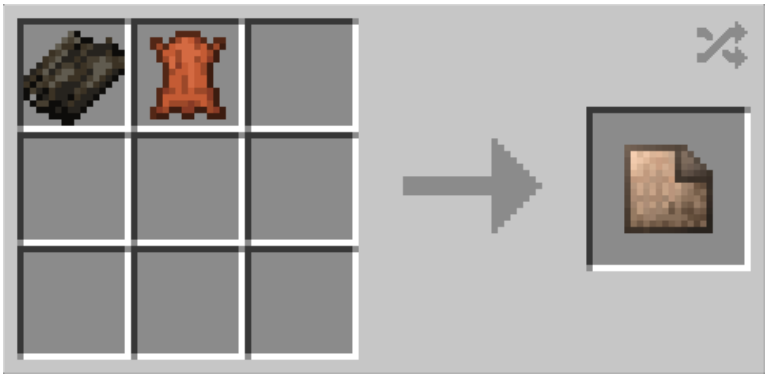
| | |
|---|---|
| **Rarity color:** | Common |
| **Renewable:** | Yes |
| **Stackable:** | Yes (64) |
| **Durability:** | None |

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## Obtaining

### Crafting

Treated leather comes in a single color variant.
1 treated leather can be crafted with 1 Leather and 1 Dried Kelp



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## Usage

### Crafting ingredient

Treated Leather is a processed leather type added to make the process of acquiring Refined Leather easier. SWEM tack and other items requires a lot of leather that previously needed to be crafted in a multi-step process that demanded a lot of water via water buckets. Treated leather can be created in bulk at a crafting table by combining dried kelp and leather, then combined in bulk with a water bucket to create 8 Refined Leather. Alternatively, right click a Spigot (with a water supply) to instantly convert the Treated Leather in to Refined Leather.



## Known Issues

If you find an issue, please report it to our bugs channel on Discord. We ask that you look to see if your issue was reported first!

## Changelog

**View Changes**

> This is not a complete list of version changes / fixes. It is a changelog of relevant wiki-related version information.

| MC Version | Release | Notes |
| --- | --- | --- |
| 1.18.2 | 1.18.2-1.0.0 | Added Treated Leather as a new item. |

## Data values

swem:treated_leather

# Whitewash Finish

**Description:** Whitewash finish is a wood stain that turns any wood blocks to whitewashed wood.

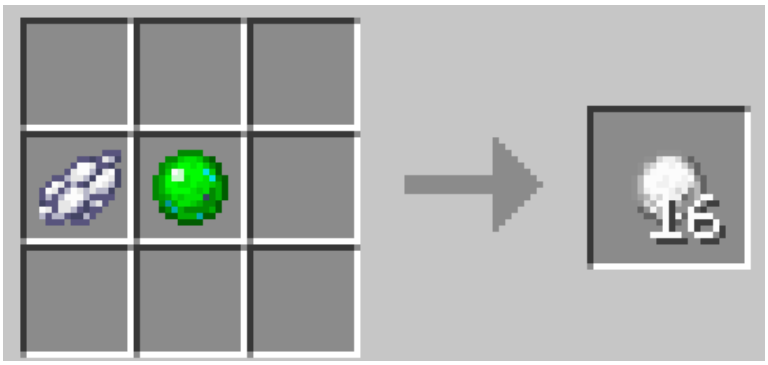
**Details:**

| | |
|---|---|
| **Rarity color:** | Common |
| **Renewable:** | Yes |
| **Stackable:** | Yes (64) |
| **Durability:** | None |

## Obtaining

### Crafting

Whitewash finish can be crafted with 1 White Dye and 1 Star Worm Goop.




## Usage

### Crafting ingredient

Combine whitewash finish with any wood blocks to create whitewash, which can be further crafted into various whitewash decorative blocks.

## Known Issues

If you find an issue, please report it to our bugs channel on Discord. We ask that you look to see if your issue was reported first!

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## Data Values

swem:whitewash_finish