

API Overview

ascolour.

This document is intended for developers who will be integrating with AS Colour API services. The reader should be familiar with HTTP based [RESTful](#) APIs and [JSON](#).

To contact the development team, please email: api@ascolour.com.

This service grants direct access to *your AS Colour data*. You should take all care not to expose the credentials used to access this service to non-trusted parties, or use in an *unsafe manor* where your keys are viewable-as-code on your website (create a proxy to hide the key and control access).

The following basic points apply to this service.

- HTTPS is always required
- Data is returned using application/json media-types
- Traditional JSON **camelCase** naming conventions are used for property/key names

Authentication and Authorization

Developers who need to consume the published APIs must include a valid subscription key in HTTP requests when calling those APIs.

A subscriber can use an API Management subscription key in one of two ways:

- Add the Subscription-Key HTTP header to the request, passing the value of a valid subscription key.
- Include the subscription-key query parameter and a valid value in the URL. The query parameter is checked only if the header isn't present.

To setup your API account and receive a subscription key please email api@ascolour.com.

Paginated Responses

The following query parameters can be used to control the retrieval of large data sets of data.

pageNumber in query - integer

Specifies the page number in a limited (paginated) list of products.

pageSize in query - integer

Controls the number of items per page in a limited (paginated) list of results. Max = 250

```
curl --location 'https://api.ascolour.com/v1/inventory/items?pageNumber=4&pageSize=50' \
```

```
--header 'Accept: application/json' \  
--header 'Content-Type: application/json' \  
--header 'Subscription-Key: {{Subscription-Key}}'
```

Filtering on for latest changes

The following query parameters can be used to control the retrieval of large data sets of data by only receiving records which have changed since a certain date:

updatedAt:min in query

```
curl --location 'https://api.ascolour.com/v1/inventory/items?updatedAt:min=2025-01-06T00:48:03.783\  
--header 'Accept: application/json' \  
--header 'Content-Type: application/json' \  
--header 'Subscription-Key: {{Subscription-Key}}'
```

Example Calls and Endpoints

Catalog API

Get Style Colours

```
curl --location \  
--request GET 'https://api.ascolour.com/v1/catalog/colours' \  
--header 'Accept: application/json' \  
--header 'Content-Type: application/json' \  
--header 'Subscription-Key: {{Subscription-Key}}'
```

Get Style Colours with filter

```
curl --location \  
--request GET 'https://api.ascolour.com/v1/catalog/colours?ColourFilter=Red' \  
--header 'Accept: application/json' \  
--header 'Content-Type: application/json' \  
--header 'Subscription-Key: {{Subscription-Key}}'
```

Get Products

```
curl --location \  
--request GET 'https://api.ascolour.com/v1/catalog/products/' \  
--header 'Accept: application/json' \  
--header 'Content-Type: application/json' \  
--header 'Subscription-Key: {{Subscription-Key}}'
```

Get Product by Style Code

```
curl --location \  
--request GET 'https://api.ascolour.com/v1/catalog/products/1001' \  
--header 'Accept: application/json' \  
--header 'Content-Type: application/json' \  
--header 'Subscription-Key: {{Subscription-Key}}'
```

Get List of Product Variants

```
curl --location \  
--request GET 'https://api.ascolour.com/v1/catalog/products/1001/variants' \  
--header 'Accept: application/json' \  
--header 'Content-Type: application/json' \  
--header 'Subscription-Key: {{Subscription-Key}}'
```

Get Product Variant

```
curl --location \  
--request GET 'https://api.ascolour.com/v1/catalog/products/1001/variants/1001-BLACK-P-OS' \  
--header 'Accept: application/json' \  
--header 'Content-Type: application/json' \  
--header 'Subscription-Key: {{Subscription-Key}}'
```

Get Product Variant Inventory

```
curl --location \  
--request GET 'https://api.ascolour.com/v1/catalog/products/1001/variants/1001-BLACK-P-OS/inventory' \  
--header 'Accept: application/json' \  
--header 'Content-Type: application/json' \  
--header 'Subscription-Key: {{Subscription-Key}}'
```

Get Product Variant Inbound Inventory

```
curl --location \  
--request GET 'https://api.ascolour.com/v1/catalog/products/1001/variants/1001-BLACK-P-OS/inbound\  
--header 'Accept: application/json' \  
--header 'Content-Type: application/json' \  
--header 'Subscription-Key: {{Subscription-Key}}'
```

Get Product Images

```
curl --location \  
--request GET 'https://api.ascolour.com/v1/catalog/products/5026/images' \  
--header 'Accept: application/json' \  

```

```
--header 'Content-Type: application/json' \  
--header 'Subscription-Key: {{Subscription-Key}}'
```

Inventory API

Get list of inventory Items

```
curl --location \  
--request GET 'https://api.ascolour.com/v1/inventory/items' \  
--header 'Subscription-Key: {{Subscription-Key}}'
```

Get list of inventory Items with SKU filter wild card

```
curl --location \  
--request GET 'https://api.ascolour.com/v1/inventory/items/?skuFilter=5001-WHITE' \  
--header 'Accept: application/json' \  
--header 'Content-Type: application/json' \  
--header 'Subscription-Key: {{Subscription-Key}}'
```

Get list of inventory Item for SKU

```
curl --location \  
--request GET 'https://api.ascolour.com/v1/inventory/items/1000-BLACK-P-OS' \  
--header 'Accept: application/json' \  
--header 'Content-Type: application/json' \  
--header 'Subscription-Key: {{Subscription-Key}}'
```

Get list of inventory Item updated since last date

```
curl --location \  
--request GET 'https://api.ascolour.com/v1/inventory/items?updatedAt:min=2024-10-20T03:49:15.723' \  
--header 'Accept: application/json' \  
--header 'Content-Type: application/json' \  
--header 'Subscription-Key: {{Subscription-Key}}'
```

Authentication API

Get an Authorization Token using website login details

```
curl --location \  
--request POST 'https://api.ascolour.com/v1/api/authentication' \  
--header 'Subscription-Key: {{Subscription-Key}}' \  
--header 'Content-Type: application/json' \  
--data-raw '{"email": "{{emailAddress}}", "password": "{{password}}"}'
```

Returns a Bearer Authorization Token that is required on calling endpoints that require a 'Authorization header. The `{{emailAddress}}` `{{password}}` values are the values you use to login into your website account.

Price List API

| |
|----------------------------|
| Get list of Variant Prices |
|----------------------------|

```
curl --location
--request GET 'https://api.ascolour.com/v1/catalog/pricelist?pageNumber=2&pageSize=250' \
--header 'Content-Type: application/json' \
--header 'Subscription-Key: {{Subscription-Key}}' \
--header 'Authorization: Bearer {{Authorization Token}}'
```

Use the [authentication](#) a Bearer Authorization Token that is required on calling endpoints that require an 'Authorization header.

Order API

For more information on how to place orders through the API please reach out to api@ascolour.com

Help and Support.

Any issues with the API or if there is a data point that you need please reach out to api@ascolour.com.