

API Overview

ascocolour.

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@ascocolour.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@ascocolour.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}}'
```

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 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 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}}'
```

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' \  
--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.

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.