

From: [REDACTED]
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Clapham Common Waterplay - materials used on the splashpad
Date: 12 April 2023 16:16:00

Dear [REDACTED]

Thank you for your questions which have been considered and shared with the contractor.

I can confirm the certified product which we will use has been confirmed as EN1177 certified Wet Pour TPV Rubber using aromatic resin (TPV - Thermoplastic vulcanizate). It is made of recycled tyres.

Regarding your queries: micro plastic migration concerns relate to the release of rubber granules into water courses. Leaching typically relates to the release of chemicals from within granules. In both cases, good housekeeping on site during installation and the fact that the granules are bound together with a PU coating means that there are no known issues. Code of practice and manufacturing guidelines for use of any materials in this project will be followed.

We understand that there has been information about levels of PAH (polycyclic aromatic hydrocarbon) in the recycled rubber crumb which are carcinogenic. The issue was directly related to reports about 'loose fill' black rubber crumb in artificial sports surfaces and the possibility of ingestion by users. The recycled black rubber we use in play areas is bound by polyurethane binders and as such renders the product inert. However, it is worth stating that the evidence suggests the PAH levels are extremely low if evident at all. However, the coloured wet pour will not contain any trace of PAH. Any base material (when used) would be covered and bound so completely harmless (although levels of PAH have been tested in those and are also hardly traceable).

Ustigate materials are always sourced in UK and from reputable industry members of Sports and Play Construction Association (SAPCA) and the API.

I hope that the above answers your questions but please do not hesitate to contact me should you have any further queries.

Kind regards,

[REDACTED]
Project Manager

Capital Studio
Infrastructure and Capital Delivery
Resident Services
London Borough of Lambeth

[REDACTED]
[REDACTED]

From: [REDACTED]
Sent: 22 March 2023 22:29
To: [REDACTED]

Cc: [REDACTED]

Subject: Re: Clapham Common Waterplay - materials used on the splashpad

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi [REDACTED]

Thank you for getting back to me so quickly.

EPDM is a very different material to TPV so thank you for your further investigation and clarification. The EN1177 number just refers to the impact attenuation of the product (critical fall height) and not the actual composition of the material itself.

TPV is a hybrid cross between rubber and plastic and generally looks like a safer material but it can still contain a large proportion of recycled tyre rubber so it would be great to get a full breakdown of constituents and their source.

I would not expect your supplier to express any safety concerns for child health as this industry does not generally recognise these exist. It has been through the work of non-profit organisations and independent research that health concerns have been identified. Your supplier will likely tell you it's absolutely safe.

Ian Ross mentioned that the Children's Playground next to Windmill Drive had used recycled, shredded-tyre rubber and the concerns raised and references supplied in my previous email remain relevant. Shredded-tyre rubber is also used for all the keep-fit 'work stations' on the Common and its loose nature means it is slowly migrating into the surrounding grasslands.

I would like to suggest we limit the future use of recycled EPDM from shredded tyres where children can come into contact with it. I'm all for recycling but not when it may pose health risks.

Look forward to the reply from your suppliers.

All best wishes,

[REDACTED]

Sent from my iPad

On 22 Mar 2023, at 16:34, [REDACTED]
wrote:

Hi [REDACTED]

Sorry about the slow response.

I discussed this with the contractor.

First of all, I need to correct the type of material being used, my apologies. The material to be used is: **EN1177 certified Wet Pour TPV Rubber using aromatic resin** (TPV - Thermoplastic vulcanizate).

I'm told that EPDM/rubber crumb are widely used terms to describe the type of soft surfacing but EPDM is a different material than the one we want to use. The contractor has now put forward your questions about safety of the materials to the supplier and I will get back to you with their response.

Speak soon

Kind regards,

[REDACTED]

Project Manager

Capital Studio

Infrastructure and Capital Delivery

Resident Services

London Borough of Lambeth

[REDACTED]
[REDACTED]
[REDACTED]

From: [REDACTED]
Sent: 21 March 2023 11:17
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: Clapham Common Waterplay - on site & publicity

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H [REDACTED]

I hope you're doing well and thank you for sending through the materials list.

I wanted to ask if you might be able to find answers to the following questions:

1. Is the the EPDM rubber crumb sourced from recycled tyres?
2. What bonding agents are being used to hold the rubber-crumb surface together?

Sorry for the bother but would be hugely grateful if you could let me know as soon as possible.

Best wishes,

[REDACTED]

Sent from my iPad

On 20 Mar 2023, at 12:52, [REDACTED]
[REDACTED] wrote:

H [REDACTED]

The splashpad itself will be made out of EPDM, that is rubber crumb like the one used at playgrounds. The outer ring outside the splashpad but within the current concrete surface will be smooth polished concrete. The tarmacadam apron around the outer edge, by the wall, will be repaired and resurfaced with tarmacadam again. All those surfaces will blend into each other, that is there will be level access from the apron to the splashpad, so not steps and fully accessible for wheelchair users.

Does this answer your questions about materials?

Kind regards,

[REDACTED]
Project Manager

Capital Studio
Infrastructure and Capital Delivery
Resident Services
London Borough of Lambeth

[REDACTED]
[REDACTED]

From: [REDACTED]
Sent: 18 March 2023 11:30
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: Clapham Common Waterplay - on site & publicity

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[REDACTED]

Please can you answer [REDACTED] questions below. You will have the precise details.

Many thanks.

[REDACTED]

----- Original Message -----

From: [REDACTED]

To: [REDACTED]

Sent: Friday, 17 Mar, 23 At 22:50

Subject: Re: Clapham Common Waterplay - on site & publicity

H [REDACTED]

Thanks for this. I'm aware there are certain details that still need to be confirmed prior to works starting on the actual construction. Are we at a point yet where we have a full list of proposed materials to be used?

We have had enquiries about the final choice of surfacing material for the wet play area itself. Can you shine a light?

Many thanks,

[REDACTED]

Sent from my iPad

On 17 Mar 2023, at 17:39, [REDACTED]
[REDACTED] wrote:

Dear CCMAC,

Work starts on Monday with the transformation of the old paddling pool into a modern waterplay area. Images and more information can be found [here](#).

Communication plans laid out below. The attached poster has gone up around the site. More will go up across the Common and the news will be included in local estates' newsletters. With a fair wind, it should open ahead of the school summer holidays in July.

Have a great weekend.

----- Original Message -----

Sent: Friday, 17 Mar, 23 At 17:20
Subject: Clapham Common Waterplay - on
site & publicity

Dear CC Masterplan steering group,

Just to confirm that that we're about to start
works on site to build the waterplay and have
just put out comms about it.

1. Preliminary and enabling works will
start this Monday 20 March and –
unless there are delays beyond our
control - the works will continue on
site until early-to-mid July. We're
aiming to open the facility in mid-July,
before the summer holidays but the
exact date is to be confirmed as there
are several factors involved. We will be
publishing further comms about the
opening date closer to the day, around

mid-June and perhaps an update earlier.

1. A [Love Lambeth article](#) has just been published and the Comms team are following up with social media comms, press release and will also include this piece of news in local estates newsletters.
2. Simon has also published a news article on the [CCMAC website](#), which is also where the QR code of the poster is directing to (see below and attached)
3. Simon and Dan have been instrumental in the logistics of getting the information posters up by the paddling pool (a copy attached) and in other places around Clapham Common. Thank you.
4. There are some laminated A3 and A4 prints of the posters available so do let me know if you'd like to have any to display elsewhere. Or let me know where and I'll see if I or one of my colleagues can do that next week.

Do let me know if you have any questions whatsoever.

I will also send out more invites for our upcoming steering group meetings as I've just realised we've run out and need to set up more.

While we try to stick to the 1st Monday of each months, this may vary in April (as I'm on leave on Mon 3/4) and in May (bank hols). If you prefer to have the meetings earlier on days other than Mondays than those suggested pls let me know.

Wishing you all a good weekend

Kind regards,



Project Manager

Capital Studio

Infrastructure and Capital Delivery

Resident Services

London Borough of Lambeth

[REDACTED]

[REDACTED]

[REDACTED]

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