

# COCOA POWDERS AND INGREDIENTS

Think Cocoa. Think deZaan.





# Explore deZaan's new cocoa powder range for professionals

Founded in 1911 as a cocoa-pressing factory on the banks of the Zaan River in the Netherlands, deZaan has spent more than a century setting the standard for cocoa ingredient excellence.

At the heart of our approach is a desire to share the vast potential of cocoa with the world. Our cocoa powders are renowned for their variety and quality, with colors that range from red to brown to black, across low- and high-fat contents and natural and dutched variations. Together, our cocoa powders represent the full range of flavors, colors, and textures that cocoa has to offer.

# **Contents**

An Introduction to deZaan	
Cocoa Powder: The Six Elements	4-5
Sustainability: Working to Secure The Future of Cocoa	6
What Makes deZaan Special?	7
Explore the Range	8
True Gold	9
True Dark	10
Terra Rossa	11
Rich Terracotta	12
Crimson Red	13
Carbon Black	14
Rose Blush	15
Quito Oro Cocoa Mass Drops	16
Stellar Cocoa Butter Drops	17
Hot Chocolate	18
Know Cocoa	19



The deZaan range is a new way to discover the capabilities of cocoa — its diversity of flavor, color, fat content and pH. This opens up a new world for chefs, offering them a bigger palette to create with and the potential to produce inspiring dishes and flavor pairings. deZaan your world!





















# deZaan: **An Introduction**

At deZaan we have been making premium cocoa ingredients for more than 110 years. Using our century of experience in bringing precision and passion to the cocoa industry, we now aim to inspire you to achieve cocoa excellence in the kitchen.

With a rich history and accumulated knowledge, we are now one of the world's leading suppliers of cocoa ingredients. We consistently select only the finest cocoa beans, harness our proprietary processing techniques and utilize our long-held knowledge to offer a complete set of cocoa ingredients to our customers.

In 2020, we launched our first collection of cocoa powders for chefs, to showcase the full spectrum of what cocoa powder can deliver with its complex range of flavor profiles, colors, and technical properties. In this booklet, we highlight our seven cocoa powders, alongside our cocoa mass, cocoa butter and hot chocolate mix, to showcase why our products are so unique, and how they can be used.

# Let us inspire you to explore the endless possibilities of cocoa!



# Cocoa Powder - The Six Elements

When comparing cocoa powders there are six elements to consider:

#### 1. Color

Whether brown, black, or red, color is determined by several factors; the cocoa beans, the length and quality of fermentation, the level and type of Dutching, and the length and temperature of roasting.

A distinctive characteristic of cocoa powder is the difference between its dry (extrinsic) color and its wet (intrinsic) color. For the dry color, look at an unmixed powder. For the wet color, look at a powder that has been combined with a liquid substance such as water, dairy, or fat. Here are examples of how color can vary between intrinsic and extrinsic, specifically when mixed with water.

Note on the right how True Dark is lighter than True Gold when dry, but then darker when wet. This is an optical effect created because True Gold is higher in fat (21% vs 11%), which impacts how light is absorbed and reflected.

Also note how dark Carbon Black becomes when wet. Carbon Black is Dutched at the nib stage (as opposed to at the cocoa cake stage), which means that it is lighter when dry than other black powders. However, this effect is dissipated when wet. The advantage of Dutching nibs rather than cake is that the taste is far superior.



TRUE GOLD



TRUE DARK



**TERRA ROSSA** 



**RICH TERRACOTTA** 



**CRIMSON RED** 

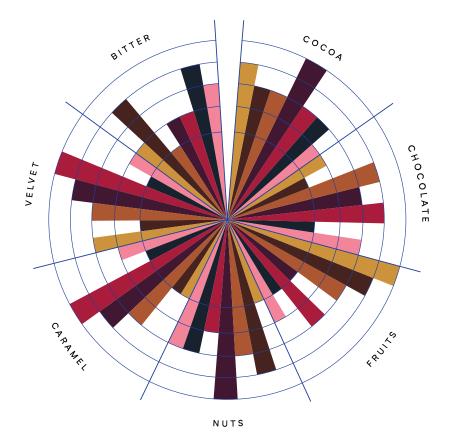


**CARBON BLACK** 



ROSE BLUSH





TRUE GOLD

TRUE DARK

TERRA ROSSA

RICH TERRACOTTA

CRIMSON RED

CARBON BLACK

ROSE BLUSH

#### PROTEINS AND FIBERS

COCOA POWDER	PROTEIN %	FIBER %
TRUE GOLD	23.5	26.7
TRUE DARK	27.4	32.8
TERRA ROSSA	23.2	27.8
RICH TERRACOTTA	22.6	23.9
CRIMSON RED	22	27.1
CARBON BLACK	26.7	28.4
ROSE` BLUSH	27.9	36.2

#### WATER ABSORPTION

TRUE GOLD/ TRUE DARK	Low water absorption
TERRA ROSSA/RICH TERRACOTTA	High water absorption
CRIMSON RED/ CARBON BLACK/ ROSE BLUSH	Highest water absorption

¹ The way cocoa powders are formally labeled and the nomenclatures used on such labeling and other technical documents provided at point of sale depends on the applicable food regulations in different countries. In this booklet "low fat" describes cocoa powder containing less than 20% cocoa butter (generally 10–12% cocoa butter) and "high fat" describes cocoa powder containing more than 20% cocoa butter (generally either 20–22% or 22–24% cocoa butter). Where you see the term "highly defatted", this refers to the deZaan Rose Blush cocoa powder, which has a cocoa butter content of 0.5%.

<sup>2</sup>Note that both protein and dietary fiber levels can vary by production run and the values listed in the table should only be used as indicative.

#### 2. Flavor

The flavors of cocoa powder vary from chocolaty through to fruity, nutty, and salty. Generally, Dutched cocoa powders have a more mellow, chocolaty taste whereas natural powders have more pronounced acidic, floral, and fruity notes. The deZaan range provides the full spectrum of cocoa flavors.

#### 3. Fat content<sup>1</sup>

Cocoa powder is what remains after grinding the nibs and hydraulically pressing out much of the cocoa butter (fat). It is generally either highly defatted (0.5%), low fat (10–12%), or high fat (20–24%). Higher-fat cocoa powders provide a richer mouthfeel and a longer-lasting flavor in comparison with low fat cocoa powders. However, low fat cocoa powders provide a more intense cocoa flavor than higher fat powders due to the percentage of cocoa solids. Highly defatted cocoa powders with a fat percentage of at 0.5% lend themselves well to meringues, macarons, sorbets and reduced fat applications such as dry cookies and puff or flaked pastry.

#### 4. Dutching

The Dutching process, also known as alkalization, involves treating cocoa nibs with an alkaline solution. This mellows the acidity, enabling the cocoa's deep flavors to emerge, and generally leads to a darker or redder powder. Heavily Dutched powders have a pH of around 8 and natural cocoa powders a pH of around 5. This change in pH can impact a recipe significantly. For example, a low pH value is acidic, so natural cocoa powders will react with the baking soda to produce bubbles, creating products that are lighter and airier.

#### 5. Water Absorption

Cocoa powder is an ingredient that is hydrophobic (or water-hating). It is not soluble but will absorb moisture—dependent on the pH value of the powder. In some cases, a higher pH value absorbs more moisture than a lower pH value. This is important to understand when considering how much liquid or cocoa powder to add to a recipe. For example, adding the same quantity of water to True Gold and Carbon Black will create very different textures; a paste made from Carbon Black will be much thicker. (See table.)

#### 6. Proteins & Dietary Fiber<sup>2</sup>

It is important to consider the specific protein and fiber content of each cocoa powder as they vary throughout the range. Understanding this enables you to be more accurate when calculating how much additional protein or fiber to add or remove in recipes such as in ice cream or when converting a recipe to be vegan. Note that protein levels are higher in low fat cocoa powders due to the lower fat percentage. (See table.)

# Sustainability: **Working to Secure** The Future of Cocoa

As part of our commitment to both the chefs we supply and the farmers we source from, our ingredients<sup>1</sup> are produced sustainably<sup>2</sup> and contribute towards the Cocoa Compass ambition for the future of the cocoa sector.3 A future where cocoa farmers have higher incomes, children come first and the natural world is protected.







Focused on farmers Prosperous farmers and farming systems

**Empowered to grow** Thriving communities

Investing in nature Regeneration of the living world

1.75 DISTRIBUTED FOR AGROFORESTRY AND INCOME DIVERSIFICATION\*

31,291 HAVE RECEIVED EDUCATION SUPPORT\*

**REDUCTION IN CO2 EMISSIONS** FROM COCOA PROCESSING PER METRIC TON OF PRODUCT OUTPUT\*



#### How does this benefit you?

By choosing deZaan cocoa powder, you are contributing to a healthier cocoa supply chain for people and the planet. And you can pass on this positive sustainability story to your customers, reassuring them that the cocoa ingredients in their flourless chocolate cake or red velvet truffles were produced in the right way.



Scan the QR code to

Aligned with the United Nations Sustainable Development Goals, Cocoa Compass builds on nearly two decades of supporting cocoa-growing communities worldwide and sets challenging 2030 targets for our supply chain. For more information please visit off.com.

deZaan 1kg and 5kg cocoa powders only. 2 Using mass balance principles. 3 Cocoa Compass is the sustainability ambition of offs cocoa platform. <sup>4</sup> Per metric ton of cocoa ingredient output. Olam Cocoa Compass 2020/2021

# What Makes deZaan Special?

deZaan cocoa powders are celebrated for their flavor, color, diversity and consistent performance in recipes. This range of seven cocoa powders showcases the spectrum of what this ingredient has to offer. Colors range from vibrant red to dark brown and black, and flavor profiles encompass caramel to fruity and nutty. Each cocoa powder is a creative tool for a chef because every powder's unique characteristics means it will perform differently in recipe applications.

#### Why are deZaan cocoa powders world renowned?

#### **Innovation**

deZaan has always been at the forefront of cocoa innovation. True Dark is the world's first natural dark cocoa powder, and Crimson Red is renowned as the reddest cocoa powder available for chefs.

#### Quality

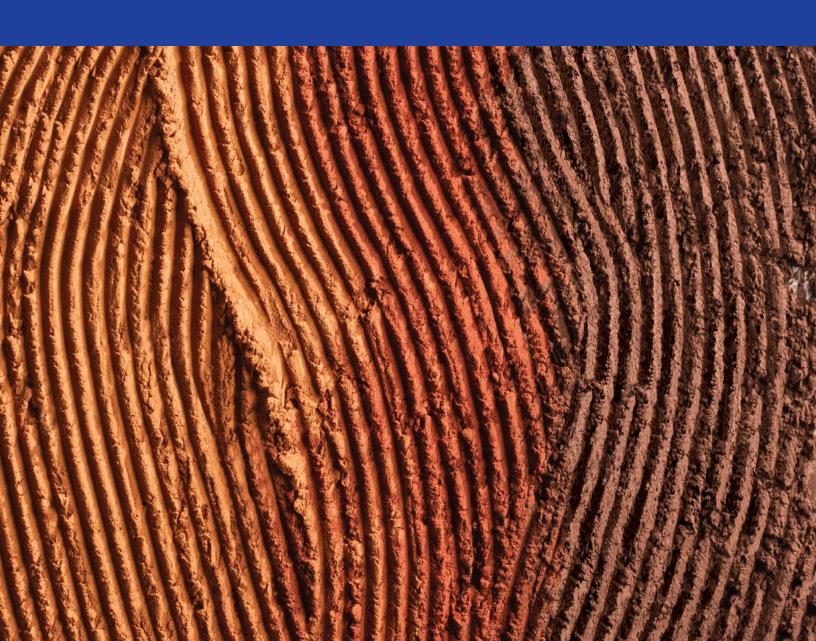
Our specifications on color and other technical properties are some of the strictest in the world, so we can guarantee that the cocoa powder in every single bag will perform consistently.

#### **Fineness**

deZaan cocoa powders are also famous for their high level of fineness, with a minimum of 99.5% of the cocoa powder guaranteed to pass through a 75  $\mu m$  sieve. This is important because smaller cocoa powder particles mean that the total surface area is greater, which positively impacts flavor, mouthfeel, and final color.



# Explore the range and be inspired.





# TRUE GOLD

With notes of cocoa, flowers and citrus, this light and fruity, high fat, natural cocoa powder creates a balanced chocolate flavor. It is best used in cookies, desserts, sauces, confectionery, cakes, and breads.

CITRUS - FRUITY - COCOA - CREAMY

NATURAL FAT: 20-22% PH: 5.2-6.0

#### **APPLICATIONS**

BAKED GOODS

ICE CREAM & SORBETS

CONFECTIONERY

BEVERAGES

SAUCES & GLAZES





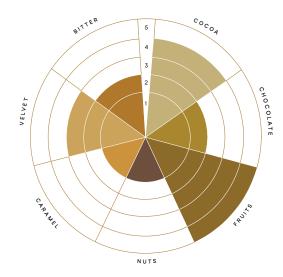






#### DISCOVER THE FLAVORS

#### APPEARANCE



#### FLAVOR PAIRINGS

#### INTERESTING AND UNEXPECTED

Young Coconut / Dragon Fruit / Kombucha / Lychee Guava / Mangosteem / Matcha

CLASSIC

Winter Almond / Citrus / Ginger / Peanut / Pomelo





EXTRINSIC
The color of dry cocoa
particles, including fat.
i.e. the 'dry' color
of the cocoa ingredient.



INTRINSIC
The color of the cocoa
particles in a solution.
i.e. the 'wet' color of
cocoa in application.





# TRUE DARK

This rich and powerful cocoa powder is a rare combination of dark color in a natural cocoa powder. With notes of nuts and fruits, this intense cocoa powder is perfect in cookies, cakes and breads, confectionery, and ice cream.

NUTS - FRUITS - CITRUS - BITTER

NATURAL FAT: 10-12% PH: 5.2-6.0

#### **APPLICATIONS**

CONFECTIONERY

ICE CREAM & SORBETS

BAKED GOODS

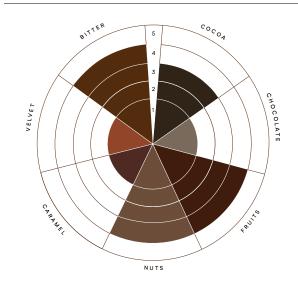






#### DISCOVER THE FLAVORS

#### APPEARANCE



#### FLAVOR PAIRINGS

#### INTERESTING AND UNEXPECTED

Bergamot / Kumquat / Mandarin / Raisin Sharon Fruit / Chai Tea

CLASSIC

Amaretto / Cinnamon / Coconut / Coffee / Mascarpone





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# **TERRA ROSSA**

With notes of chocolate, nuts, caramel and cream, this smooth, high fat, dutched (alkalised) cocoa powder creates velvety textured cocoa classics. It is best used in cookies, cakes and breads, ice creams, confectionery, desserts, and drinks.

COCOA - NUTS - CARAMEL - CREAMY

DUTCHED FAT: 22-24% PH: 7.2-7.6

#### **APPLICATIONS**

BAKED GOODS

ICE CREAM & SORBETS

CONFECTIONERY

BEVERAGES

SAUCES & GLAZES

SAVORY







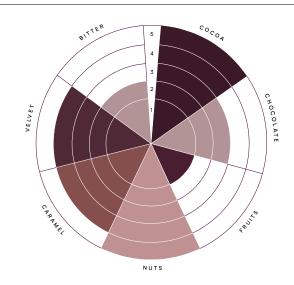






#### DISCOVER THE FLAVORS

#### APPEARANCE



# EXTRINSIC The color of dry cocoa particles, including fat. i.e. the 'dry' color of the cocoa ingredient.



INTRINSIC
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#### FLAVOR PAIRINGS

INTERESTING AND UNEXPECTED

Lemongrass / Turmeric / Wasabi

CLASSIC

Nuts / Passion Fruit







### RICH TERRACOTTA

A dark and rich, high fat, dutched (alkalized) cocoa powder for intense chocolate treats. With notes of chocolate, nuts, caramel and cream, this cocoa powder is ideal for cookies, cakes and breads, ice creams, desserts, confectionery, and drinks.

CHOCOLATE - NUTS - CARAMEL - CREAMY

DUTCHED FAT: 20-22% PH: 6.8-7.2

#### **APPLICATIONS**

BAKED GOODS

ICE CREAM & SORBETS

CONFECTIONERY

BEVERAGES

SAUCES & GLAZES

SAVORY







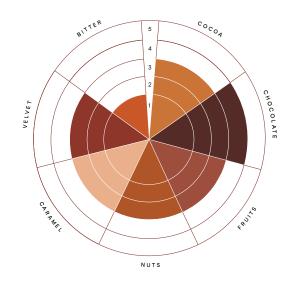






#### DISCOVER THE FLAVORS

#### APPEARANCE



#### FLAVOR PAIRINGS

# INTERESTING AND UNEXPECTED Black Rice / Hog Plum / Kaffir Lime CLASSIC

Cardamon / Cinnamon / White Pepper





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## **CRIMSON RED**

A vibrant and versatile, high fat, dutched (alkalized) cocoa powder for distinctively colorful creations. This cocoa powder boasts a chocolate and caramel flavor, and a creamy and buttery texture, making it ideal for cakes and breads, sauces, ice cream, desserts, confectionery, and drinks.

CHOCOLATE - CARAMEL - CREAMY - BUTTER

DUTCHED FAT: 22-24% PH: 7.6-8

#### **APPLICATIONS**

BAKED GOODS

ICE CREAM & SORBETS

CONFECTIONERY

BEVERAGES

SAUCES & GLAZES





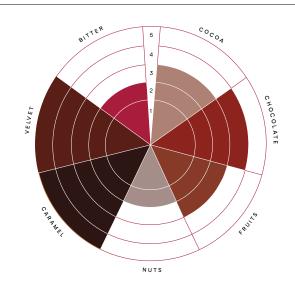






#### DISCOVER THE FLAVORS

#### APPEARANCE



#### FLAVOR PAIRINGS

#### INTERESTING AND UNEXPECTED

Masala / Miso / Shiso / Oysters / Papaya Chestnut / Maple

CLASSIC

Allspice / Cardamon / Coconut / Gin / Ginger





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# **CARBON BLACK**

With a nutty flavor and salty notes, this bitter, intense, dutched (alkalized) cocoa powder is for lovers of dark chocolate. It is best used in cookies, snacks, and sauces.

COCOA - NUTS - BITTER - SALT

DUTCHED FAT: 10-12% PH: 7.8-8.4

#### **APPLICATIONS**

BAKED GOODS

SAVORY

SAUCES & GLAZES

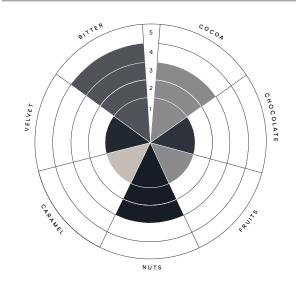






#### DISCOVER THE FLAVORS

#### APPEARANCE



# EXTRINSIC

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#### FLAVOR PAIRINGS

#### INTERESTING AND UNEXPECTED

Chai Tea / Five Spice / Kaffir Lime / Muscovado Sugar Soy / Tamarind / Smoked Vanilla

CLASSIC

Allspice / Rum / Vanilla







# **ROSE BLUSH**

A highly defatted, versatile cocoa powder with tasting notes of caramel, chocolate and nuts, perfect for light and aerated creations.

CARAMEL - BITTER - CHOCOLATE - NUTS

DUTCHED COCOA BUTTER 0.5% PH: 7.6-8

#### **APPLICATIONS**

BAKED GOODS

ICE CREAM & SORBETS

CONFECTIONERY

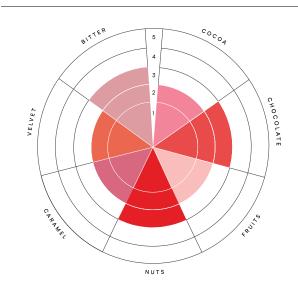






#### DISCOVER THE FLAVORS

#### APPEARANCE



#### FLAVOR PAIRINGS

#### INTERESTING AND UNEXPECTED

Coconut / Shiso / Beetroot Crème Fraîche

CLASSIC

Forest Berries / Cinnamon / Strawberries





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# QUITO ORO COCOA MASS DROPS

Smooth dark nib roasted cocoa mass drops with floral notes and a hint of citrus. 100% traceable, sustainable and single origin from Ecuador.

FLORAL

CITRUS FRUITS

DARK BITTER COCOA

100% COCOA MASS 53% MINIMUM FAT

CONFECTIONERY

1KG / 2.2LB NET WEIGHT

#### **APPLICATIONS**

BAKED GOODS

ICE CREAM & SORBETS



BEVERAGES



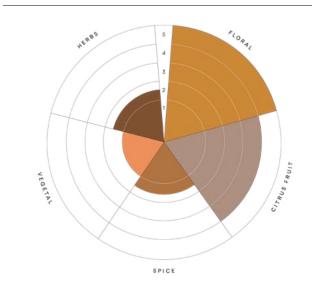
Every Quito Oro pack can be traced back to source using its batch code.

As part of our commitment to both the chefs we supply and the farmers we source from, our responsible production process contributes towards the Cocoa Compass, our ambition for the future of the cocoa sector. This is a future where cocoa farmers have higher incomes, children come first, and the natural world is protected. Our responsible sourcing positively impacts smallholder farmers, families, communities, and their environments.

#### APPEARANCE



DISCOVER THE FLAVORS



Uniquely shaped drops provide maximum flexibility, easy handling, melting and efficient preparations. Perfect to create chocolate or mix into gelato, praline or a wealth of other cocoa creations to intensify flavor.





# STELLAR COCOA BUTTER DROPS

Cocoa butter from the finest cocoa beans, offering outstanding consistency and unparalleled quality.

PURE - PRIME - PRESSED COCOA BUTTER

100% COCOA BUTTER

SUSTAINABLY PRODUCED

1KG / 2.2LB NET WEIGHT

#### **APPLICATIONS**

BAKED GOODS

ICE CREAM & SORBETS

CONFECTIONERY







#### APPEARANCE



deZaan Stellar Cocoa Butter Drops are adaptable for a variety of cocoa-based applications, from easily adjusting chocolate fluidity and viscosity to creating a glossy finish and enhanced snap. At 100% pure cocoa butter, Stellar is suitable for vegans – making these drops ideal for use in plant-based ice creams and frozen desserts.

deZaan Stellar Cocoa Butter Drops offer a versatile format for use in recipes or chocolate production processes, with easy melting and product handling.

Our cocoa butters are industry-leading and are pure, prime and pressed in Europe using the highest quality beans, delivering outstanding consistency and unbeatable quality.

The use of cocoa butter creates a silky-smooth texture and mouthfeel.





# HOT CHOCOLATE

For over a century, deZaan's unmatched expertise and passion has continually set new standards of cocoa excellence. Crafted from 100% single origin cocoa from Ghana, deZaan Hot Chocolate Mix combines roasted cocoa, vanilla and caramel notes with a velvety chocolate finish.



COCOA - VANILLA - CARAMEL

55% COCOA

**VEGAN\* & GLUTEN FREE** 

**EASY TO USE** 

#### **SPECIFICATIONS**

INGREDIENTS

sugar, fat reduced cocoa powder, cocoa mass, vanilla SHELF LIFE

24 months from date of production

PACK / CASE

PACK: 2kg / 4.4lb bag CASE: 2kg x 5 YIELD

2kg / 4.4lb bag of mix makes 3.2gal of hot chocolate







deZaan Hot Chocolate was awarded with the prestigious sofi™ Award in 2023, from the Specialty Food Association. For professional chefs and artisans who demand nothing short of taste perfection, this acknowledgement underscores the exceptional quality that deZaan Hot Chocolate Mix consistently delivers.









Scan the QR code for product information and recipe inspiration

<sup>\*</sup> Suitable for vegetarians and vegans when made with plant based milk • No preservatives or artificial flavors

# Do you Know Cocoa?

Be inspired by our detailed cocoa handbook developed exclusively for chefs and artisans. Meticulously created by expert chefs and combining 110 years of cocoa knowledge.

#### In our chef-led book, you will get the scoop on:

- The story of cocoa powder from farming to processing
- Cocoa cooking tips from our expert chefs and chef partners
- The difference pH and fat content can make for precision in your recipes
- How to convert recipes from chocolate to cocoa powder
- 27 foundational and inspirational recipes including technical deep dives
- In-depth technical cocoa knowledge and know-how



Scan the QR code to download your copy.









For recipe ideas and more information:



Share your deZaan creations using #deZaanCocoa











dezaan.com

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