

Space Comfort in Street Clown Products: Case Study on Mampang Clown

Ali Ramadhan & Juliano Umar Permana

Fakultas Desain dan Seni Kreatif

Universitas Mercu Buana

Jl. Meruya Selatan Kembangan, West Jakarta, Jakarta - 11650

E-mail: ali.ramadhan@mercubuana.ac.id

ABSTRAK

Kenyamanan Ruang Pada Produk Badut Jalanan: Studi Kasus: Badut Mampang.

Kenyamanan merupakan salah satu unsur yang perlu diperhatikan dan terdapat pada suatu ruang. Kenyamanan ruang dapat memberikan dampak kepada pengguna ruang pada saat melakukan aktifitasnya. Kostum diketahui sebagai salah satu benda pakai yang perlu memperhatikan unsur kenyamanan. Di dalam suatu produk, terdapat ruang yang dapat diisi untuk berbagai macam keperluan. Badut mampang merupakan salah satu produk hasil buatan manusia dan memiliki ruang di bagian dalamnya. Badut mampang digunakan oleh penggunanya untuk mencari nafkah dengan melakukan aktifitas menghibur salah satunya dengan bergoyang. Sehingga perlu adanya kenyamanan agar pada saat menggunakannya, dapat memberikan dampak positif yang dapat berpengaruh kepada penggunanya. Dengan menggunakan metode penelitian kualitatif deskriptif, penelitian ini diharapkan dapat membantu memberikan informasi mengenai kenyamanan ruang yang terdapat pada produk kostum badut mampang sehingga dapat memberikan manfaat untuk penggunanya agar dapat memaksimalkan pekerjaannya. Berdasarkan penelitian dihasilkan bahwa kostum badut mampang berbeda dari kostum badut pada umumnya. Dari penampilan luar yang memiliki ciri khas dengan menggunakan topeng berukuran besar dan pakaian yang bebrbentuk besar memberikan pengaruh kepada penggunanya. Penggunaannya di jalanan yang ramai, kenyamanan ruang kostum badut mampang dapat memberikan dampak kepada penggunanya tidak hanya dampak perekonomian namun juga dampak kepada kondisi yang dihadapi.

Kata kunci: kenyamanan ruang; kostum; badut Mampang

ABSTRACT

Comfort is one element that needs to be considered and contained in a space. Space comfort can have an impact on space users when carrying out their activities. The costume is known as one of the items used that needs to pay attention to the element of comfort. In a product, there is space that can be filled for various purposes. Clowns are one of the products made by humans and have space inside. Clowns can be used by users to make a living by entertaining one of them by swaying. So that there needs to be comforted so that when using it, it can provide a positive impact that can affect users. By using qualitative descriptive research methods, this research is expected to help provide information about the comfort of space in the product of mampang clown costume so that it can provide benefits to its users to maximize their work. From the research conducted, it was found that clown costumes are quite different from clown costumes in general. From the outward appearance that has a characteristic by using a large mask and clothing that has a large form gives influence to its users. With its use used in busy streets, the comfort of clown costume rooms can make an impact on its users not only the economic impact but also the impact on the conditions faced.

Keywords: comfort space; costumes; Mampang clown

Introduction

In a product, there are elements of comfort that need to be considered. Because in addition to being trusted to be able to provide good influence can also provide good results maximum of its use on a product. In this case, the comfort is "That experience be accepted by someone from an intervention. And it happens because of direct experience and thorough when physical needs, psychospiritual, social and environmental are fulfilled (Peterson, 2008). It is known that comfort is a "condition that is accepted by humans because of a condition that has fulfilled basic human needs that are individual and holistic. With the fulfillment of comfort can cause feelings of well-being in the individual" (Osborne, 1995). The comfort of space can be interpreted in two syllables, namely comfort and space. convenience explained that "a condition of feeling and is very dependent on the person who experiences the situation". Besides, comfort is explained as "a continuum of feelings from the most comfortable to the most uncomfortable which is judged based on the perceptions of each on a matter which is comfortable for certain individuals may differ from other individuals" (Sanders, 1995). Own comfort includes "comfort needs, comfort interventions, intervention variables, increased comfort, behavior health seekers, and institutional integrity. And it is defined because it is more of an individual responsive assessment" (Osborne, 1995).

Space is known as an element of place found on earth and is used as a whole or only partially by living things to carry out their activities. In the broad context of space "includes a variety of things including air, atmospheric layer, waters (sea, river, and lake) to below the surface of the earth (water and soil), and rocks to certain layers that become resources for the life of various organisms or living things. The boundary of space is "the place and other elements that affect life on the surface of the earth". Every space that exists "has certain characteristics that are different between one region and another region. There is no one location whose characteristics are the same between one another". As well as the existence of space on a product. Space is explained as "a form of three dimensions, a broad

surface that continues to extend in all directions and contains everything: in various ways thought of as something that is not limited. Or it can also mean distance, a wide field, or an area between, above or inside it" (Neufeldt, 1996). And it can also be interpreted as "the physical form of the environment that has geometric and geographical dimensions consisting of land, sea, and air, and the resources that are in it". (Republic of Indonesia Law No. 4 of 1992). In space, there are various activities carried out by humans. The presence of space is due to the existence of "objects (physical beings) that have fields and dimensions" (Yusuf, 1997). There are various kinds of spaces that are included with various functions. Regarding the variety of human activities and functions of space, space needs a comfort factor. Because comfortable space can be "the cause of the space users feel at home". Because the implications of comfort in space are "increasing work productivity of users of a space and increasing the quality of the results obtained. Also, in the absence of comfort in a space. Then it can have an impact that can affect the results and decrease the productivity of someone while doing their activities.

Clowns present and known closely with the lives of children who have the task of entertaining children at special moments such as birthdays or activities in a circus event. In the general context, clowns are known as "performers or performers working to entertain. Which is sometimes included with the joy of the decoration that is used. Today, clowns can be found not only in entertainment venues but can also be found in other forms and conditions such as forms that are no longer related to make-up and places of activity such as the streets. But with a goal that has never changed, namely "to provoke laughter and entertain anyone who sees it and seeks income from the entertainment it presents. The clown is known as "an entertainer who brushes his face with thick powder and strange clothes and is fluent in showing funny expressions". A clown is a character that is used by someone to make people laugh. "Some abilities must be possessed by people who become clowns, such as mime or making unusual movements that can even make a variety of facial expressions" (Ertana, 2016).

It is known that clowns are “one of the service professions to entertain others” (Farid, 2013).

Mampang clown is one of the clown characters present in other forms, because it is no longer related to the use of make-up, but turned to the use of various body cover elements (costumes). Even though with the same goal of earning income from entertaining activities, the use of clown costumes can easily be an alternative to the presence of clown characters in the community. Mampang clown. Clowns are known as the term from clowns who use costumes with various characters. The term clown can be used to character clowns who have a characteristic “big head and activity with swaying accompanied by the rhythm of the music”. The beginning of the clown from the area of Mampang, South Jakarta. And do its activities in the traffic lights stop area or at the red light intersection. Therefore the people call it the Mampang clown. Mampang clown is one object that has space to carry out activities. Because in it there is a blank part that will be filled by the user in this case human. Also, with the empty section, the user of the clown costume can carry out activities that are useful for himself because by using the costume, the user is doing an entertaining job to earn a living that indirectly spends no small amount of energy. So that it affects the productivity of users of the clown costume.

The main question are: (1) How is the room in a clown costume easily; (2) What is the comfort of the space found in the mampang clown costume product? The focus of the research is to limit the study and the problems discussed in a study. Research using this descriptive qualitative method is focused on the discussion of the comfort of space from the use of mampang clown costumes.

The documentation carried out in this study is a document that can be useful and can provide information about mampang costumes and various data in the form of written documentation regarding the comfort of space.

Data validity testing method

In research, the method used to test the validity of the data is through a method of testing

credibility (credibility) or a test of trust in “research data presented by researchers so that the results of the research conducted do not doubt as a scientific work carried out”.

Also, to support the results, it is necessary to do “Extension Observations that are used to increase credibility/trust in the data. With the extension of observation, the researcher returns to the field, makes observations, interviews with the data sources encountered as well as newer data sources. The extension of observation means that the relationship between researchers and sources will be increasingly intertwined, the more familiar, the more open, mutual trust, so that the information obtained is more and more complete”.

The data analysis technique used in this study is an interactive analysis. This model has 4 components of analysis, namely: data collection, data reduction, data presentation, and conclusion drawing. “Data analysis is the process of organizing and sorting data into patterns, categories, and basic description units so that themes can be found and the working hypothesis formulated as suggested by the data”.

Mampang Clown

A clown is one of the professions currently available. As a profession, clowns should entertain. The profession as a clown can be said to be a profession that has existed for quite a long time because at first, the clown was in charge of entertaining the king or the leader of an area such as Greece and Rome. As an entertainer, a clown must take actions that can attract people’s attention. Even from the beginning before doing the work, a person who will become a clown must polish his face with thick make-up and wear clothes that are not uncommon to see. A clown must have the ability to play various facial expressions. This is because as an entertainer, it is necessary to interact with people who see it without words or sayings. So that a clown must have the ability to create a person’s feelings.

A clown is known as a profession of entertainment services with a variety of characters and various kinds of behavior. Even if needed, a

clown needs to learn a variety of techniques in entertaining. Like the movement or mastery of a device. Until now, the clown profession is not uncommon in various characters. This is due to the professional development of clowns. So that there are various forms of clowns.

At present, economic problems can be one reason for someone to look for alternative jobs. Clowns as one of the alternative jobs that have emerged. As an alternative job, now clowns don't just do their jobs in an event. But as experience grows, the clown profession does not have just one option. But there are at least three types of clown professions such as mascot clowns, which are "clowns made by a company to make the facts of their company mascot/logo public". Clown character is a 'clown who uses movie characters who are liked by children and is often found to enliven birthday parties'. And buskers clowns who do their jobs as buskers by entertaining people without contractual obligations and are on the road or traffic stops. The three clown professions are indeed the same when viewed from the profession. But it will be different when viewed from the side of

the use of tools, costumes and the ability to work. This is the basis for the presence of a profession of clowns called mampang clowns.

The clown is one of the options for the presence of clowns as a profession. The clown is often not present on various occasions. As a profession, clowns can be included as profession categories that aim to entertain. Because of this, the entertainment presented by the clown figure is more likely to lead street entertainment such as busking or begging. And from this, not infrequently people who see the presence of clowns can be as a figure of buskers or beggars who are only equipped with costumes and musical instruments such as portable speakers powered by batteries.

If the clown profession is identified with the use of costumes. Then the clown can also be categorized as a clown. This is because the use of costumes is a complement to the clown profession. Because if you see it in a whole unit, the clown can become one of the clown categories even though costume users are not made up. The use of tools on the clown mampang figure. Not much different from those used by other clowns because they function as entertainment supporters. Besides, the tools used are not often used as the main support. This results in a certain value for the tool. Because in the profession as a clown. The tool used is one of the main elements that must be used to be able to



Figure 1. Mampang Clown and clown costume. (Source: Researcher, 2019)

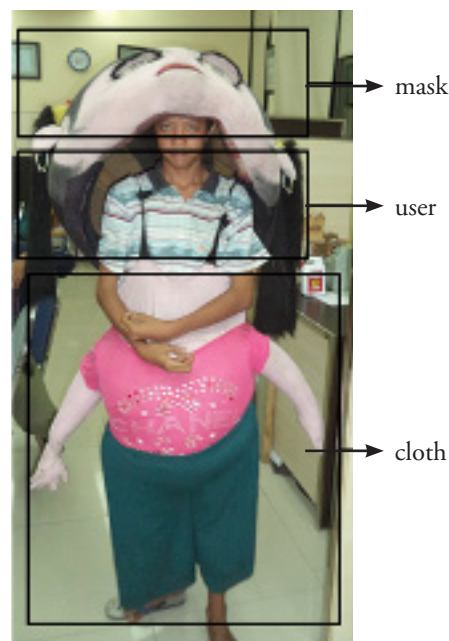


Figure 2. Mampang Clown equipment. (Source: Researcher, 2019)

entertain. Like the use of portable speakers that are used aiming to produce the sound of music so that clowns can easily shake. And from the existence of a musical instrument and the way that is made, then the clown can become an entertainer in a situation. And if without one of these elements, the clown can be said to be a busker or beggar. Because without any other effort to generate financial benefits.

The Mampang Clown Costume

Clowns can be identified by some of the characteristics they possess. Not only is it described as a funny character but it is not uncommon for people who feel they don't like clowns. This is because clown characters tend to be scary. Clown's characteristic is initially seen by the appearance of the face and also supported by the shape and color of clothing. Costumes are known as "clothing in general or a certain style of dress in people of a class or a certain period". (Surtiretna, 1993). The term costume in its application has a part consisting of

1. The head (head cover),
2. Upper body (clothes),
3. Lower body (cloth and pants).

It is also known that costumes are a complementary element to support creations with costumes, makeup, decorations, and accessories and have a function to strengthen the impression or change this because costume and make-up are related to each other. Costumes and make-up are physical and symbolic elements that are closest to someone's actor and character "(Bellman, 1977).

Clown costumes are known to have 2 main parts, namely, clothing and masks. In the clothing

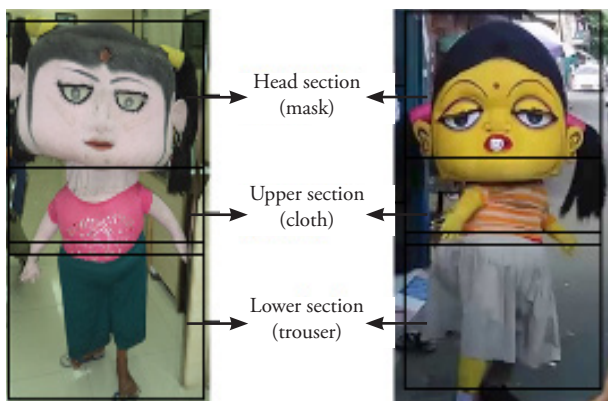


Figure 3. The Mampang Clown costume. (Source: Researcher, 2019)

section, the clown costume is easily made up of two parts which are put together such as the bottom (pants) and the shirt. Both parts have been made together so that the user can be directly used. So it does not require a long time to wear it. The clothes of the clown can not be removed from the costume as clown figures. Because the clown has loose clothes from the body of the user, it's not much different from the clown costume. Besides, the clown costume is also available with beads and a few additions to certain parts. This is not much different from the conventional clown costume that is known.

The fundamental difference and characteristic of the clown is the use of masks that are not small in size. This is different from the clown, which is known as the result of a make-up or mask character that is already known. Besides, the addition is also applied to the mampang clown mask by adding accessories in the form of sewn hair together with the basic shape of the mask. Because of this, the clown can be different if seen from the costume because it has its characteristics.

The Mampang Clown Costume Room

Space is known as the result of the formation of a field that has dimensions consisting of length, width, and height or depth. The presence of space can be a reference for something objective and real. This is because the existence of space is related to the existence of a real form. It is known that space consists of various forms and interactions. With the characteristics of space, there will be an interaction between the space needed to fulfill an

The difference between clowns costume and appearance



Figure 4. The difference between mampang clown with conventional clowns and characters. (Source: Researcher, 2019)

activity. In a pretty clown costume, space is in every part of the clown costume. Because each part has its functions and characteristics and is interrelated. The space contained in clown costumes is simply a place where humans (singers) as costume users carry out their activities. Not only moves from one place to another, but there are movements carried out by the users themselves such as swaying activities.

Interaction between spaces contained in clown costumes is an interaction that is carried out to bring related activities. Because with the necessity to make a move, the entire body of the user will move. And coupled with the existence of activities with an outside environment of costumes. In its application, the space contained in the clown costume will also be related to the part of the costume. Because with the space contained in the costume, the section will have functions that are interrelated with the activities of its users.

Mask Room

The mask is one part of the 3 core parts contained in one costume. The mask is present as a medium to “cover your face”. In another sense,



Figure 5. Clown mask and Mampang Clown mask. (Source: Researcher, 2019)

it is stated that “a mask is a form of disguise that is often used to hide a person’s identity and with his figure to form other beings”. In line with the mask in the clown costume. Which is not often found used to hide the identity of people who work as clowns.

The mask on the clown is visualized with a cheerful expression by presenting a character with his mouth wide open and not infrequently using a red face makeup on his mouth. This is because, in terms of the demands of work as an entertainer, the figure of a clown must present a cheerful side for those who see it feel comforted. The space that is present in the clown mask is produced by the inside of the mask. Especially in the mask section, the space contained in the mask is not used as a space to carry out activities normally carried out on the body. But the activity that is on the mask emphasizes the activity of the head part of the user. These activities emphasize the head movements.

The clown mask can have more characteristics than the character clown mask. Because of the dimensions of the diameter reaching ± 57 cm, with a height reaching ± 53 cm, it has not small space to carry out various kinds of activities that cannot be done if using character masks.

On a clown mask, several holes have different functions. From the outside for access, remove the masks whose position is at the bottom of the mask, the hole in the head of the mask which serves to see the outside environment and diameter ± 8 cm. As well as a hole that has a width of ± 12 cm on the mouth part of the mampang clown mask that functions for hand access when taking money given by people.

In addition to activities carried out by clown mask users, it can be in the form of access. Users of clown masks can also carry out various movements when wearing the mask. In addition to movement



Access hole in the head section (Mampang Clown mask)

Figure 6. Hole in Mampang Clown mask. (Source: Researcher, 2019)

from body shake, the mask user must also move his body so that the mask moves and not infrequently play the eyes from the mask. So that when wearing a clown mask, users can not only do one activity. And it is known that in the clown mask room, the user must be able to maximize his body parts to carry out activities in it.

Upper Body Room and Lower Body Space

Activities carried out by someone who uses a clown costume can easily be related to the movements made by his users. Like standing activities, walking, swaying and sitting. With the existence of these fundamental activities, the clothing factor, especially the upper part, can influence the results obtained. And the results, in this case, are not in the form of money values but are related to various things that are felt.

As space, the upper body of a clown costume is easy, can affect the presence of the atmosphere that will be felt by the body of the user. The function of the upper body clothing is basically to “protect the body and beautify the appearance of the body”. This is the basic thing of clothing. But in its application as a costume especially on clowns, the function of clothing is to “attract attention”. Because with the costumes, especially clothes, the figure of a clown can be immediately recognized, because it has its

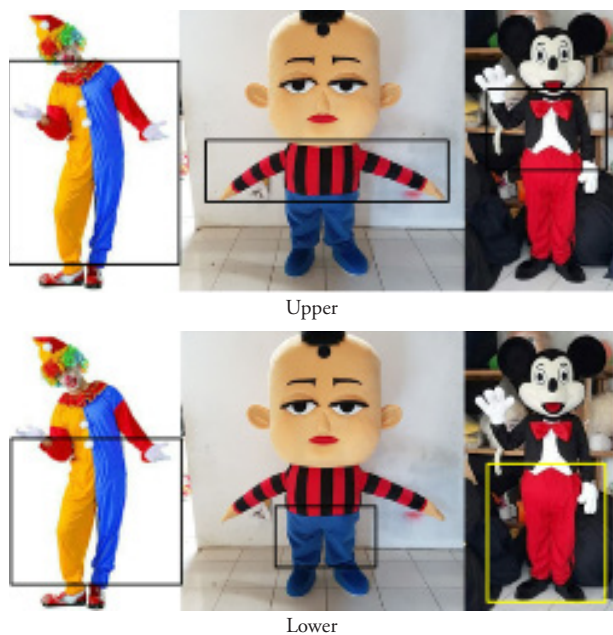


Figure 7. The upper and lower body of a clown costume. (Source: Researcher, 2019)

characteristics. Like the style and color applied to the upper body costume.

The upper body of the clown costume is known to emphasize the shape that enlarges in the abdomen and displays a circle pattern around the costume. Not only the shape but the clothes together with the bottom of the costume. The use of these clothes shows a funny and cheerful impression. Because not only shapes and patterns, the color combinations displayed will also dance to attention. This is because the colors applied are bright. Concerning clown costumes, there are also differences in the application of clothes used by character clowns. This is because the costume of the character clown will adjust the character used. And it's not much different from the original character that is used as a clown character. Although with various adjustments, especially the dimensions of clothing.

For clown costumes, the upper body leads to its position after the mask. The upper body of the clown costume has a shape that characterizes a clown because it shows a fat figure. With the included hand parts and the use of clothes on the karate clowns easily. Besides, the inner space of the upper body of the costume is included with “EVA foam” material. So that activities in the inner room from the top will influence the movement of the user. Besides that, on the shoulder part of the costume also used rubber which functions to hang the clothes to the wearer. At the top of the clown costume, there are holes for access to the use and release of costumes.



Figure 8. The upper and lower body of mampang clown costume. (Source: Researcher, 2019)

With these activities, the factor of access to the use and release of costumes is related to the body shape of the user, because if the user with a fat body condition will be difficult to wear and remove the clothes compared to users with thin postures.

The lower body space is an aspect that functions to close the legs. And not infrequently in the lower body of the clown costume is connected to the top (fused). The use of lower-body clothing is used as the outer garment of the costume so that in its application, users use these two layers, namely the outer layer and the inner layer. The lower body of the clown costume is known to have merged with the top. So that when the user wears it, then in one stage of use it will immediately use two parts, namely the top and the bottom.

The inner space in the clown costume is quite different from the other clown costumes because of its fused characteristics. The difference in the lower body of the clown costume can be found on the inside of the costume, because if the upper part of the body is covered with "EVA foam" material then it is not the bottom. Because in addition to adding weight to the load carried by the user, the bottom also influences the running activities of the user. Because if during the activity the user is hampered, it will directly relate to activities that are in the outside environment. Because the use of this clown costume is easy to use on highways where the road conditions are crowded with vehicles.

Comfort of The Mampang Clown Costume

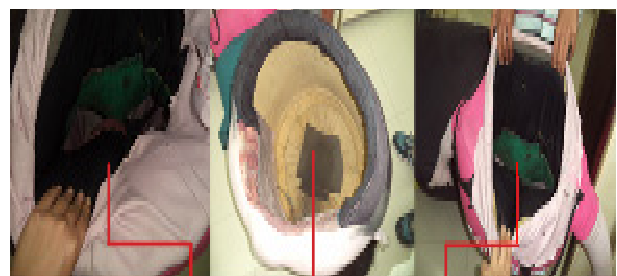
Comfort is one of the elements felt by humans. Because it is known that "comfort and comfort is a comprehensive assessment of one's environment. Humans assess environmental conditions based on stimuli that enter into themselves through the six senses through nerves and are digested by the brain to be assessed. In this case, the involvement is not only a biological physical problem but also a feeling. Sound, light, smell, temperature and other stimuli are captured at once, then processed by the brain" (Satwiko, 2009). Environmental factors have a small influence. Because the existence of a comfort factor in a room is also influenced by the environment around the space. Environmental

factors have an important role because the results obtained by humans can influence because there is a relationship between human activities that do a job and the environment in which they work.

Space factor is an aspect other than the environment because if someone does an activity, it can be interpreted that the person has made a space of his activity, in this case, "real space" or "pseudo space". The presence of a real space which is a space that is seen and used by someone is present in the form of limitations obtained by that person, while the pseudo space, is the result of activities carried out by someone and that space can move or move along with activities carried out by people.

In mampang clown costumes, comfort can be one aspect that must be considered. Because in its application, the costume has become a place where someone does his activities. Which directly presents the space included with several influences on its use. Besides, the comfort of the space contained in the clown costume can be an important part, because, in its application, the costume serves to provide the charm of other people to get results in the form of money to its users. In its application, there are 3 aspects of the system so that results can affect the comfort of space, namely:

- Thermal comfort system which is "the human response to temperature stimuli received from the environment." (Suyono, 2018)
- The acoustic system which is "the first consideration for getting a comfortable sound environment." (Retno, 2010)
- Lighting system which is a "factor to get a safe and comfortable environment and is closely related to human productivity that is appropriate in a space."



Section in the inner of Mampang Clown costume
Figure 9. The room in a clown mampang costume.
(Source: Researcher, 2019)

The Thermal Comfort System In A Clown Costume Is Easy

Each object is known to have dimensions to be used as references to be made. This refers to the rules of planning, namely the size or dimensions that function to “determine the amount”. This is related to human involvement in using it. In a real object, dimensions have their values, because by applying them to objects, they can be judged to be good or even easier to use.

The dimensions of the clown costume can be divided into 2 parts that are not different from the object. This is due to the mampang clown costume which consists of 2 core parts, one of which is a combination of 2 parts like in the clothing section. The dimensions of the head have a diameter of ± 63 cm with a height ± 56 cm which inside is coated with foam hearts with 2-3 mm thick. For the dimensions of the clothing section, the results of the total length are ± 115 cm which is the dimension of the merging of parts of clothes with pants. The upper dimensions (clothes) have a length/height ± 60 cm and the pants section has dimensions ± 55 cm. Not much different from the part of the mask, clothes are also covered with heart foam with a thickness of 2-3 mm. This is intended to present a big and fat impression on the body while for the pants section, there is no heart foam. This is so that the user does not experience difficulties when wearing and removing clothes and can move while doing entertainment in the form of swaying. With the existence of these dimensions,

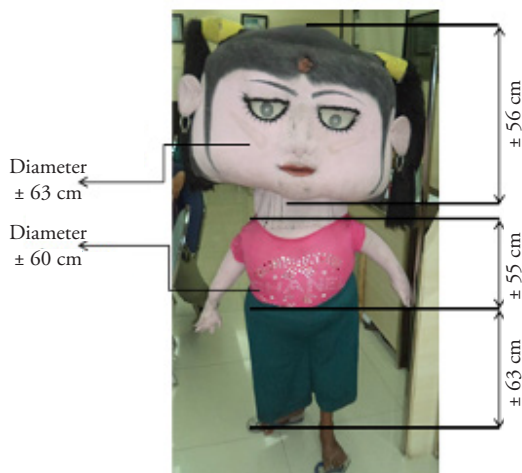


Figure 10. The dimensions of the Mampang Clown costume. (Source: Researcher, 2019)

in an object can have its own space for its users, so that it will produce a need for the comfort of the space of a clown costume.

As a result of the human response, thermal comfort in clown costumes can easily influence the condition of the costume user body. And in the mampang clown costume, thermal comfort contained is the result of a manufacturing process that results are directly used and felt by the user. The thermal comfort factor found in clown costumes can be produced from:

- Spacious room

Spacious space is a factor that is directly related to the movement of the clown costume user. The area of the costume can be divided into 2 parts, namely the mask section and the clothing section.

In the mask section, the area of space produced from the basic shape of the mask in the shape of a tube whose outer parts are added with hair accessories. The results of the clown mask area can easily be the result of the inside as a place to move from the user. The shape of the tube itself is a 3-dimensional form of a clown mask. As for the basic two-dimensional form, the form of a clown mask mampang is a circle that has diameter ± 57 cm makes it have a result ± 2550 cm². And the result is a comprehensive space clown mampang user movement.

For the width of the clothing section on a clown costume, it emphasizes the measurement of the fabric contained in the costume. This is because the clown costume section is easily the result of a combination of several shapes that cannot be known for its exact size so that in its



Figure 11. Spacious clown mask area. (Source: Researcher, 2019)

application, clothing parts from costumes do not often need adjustments if different users.

- Height space

The height of space as one component in the comfort that is directly related to the user which can affect the space of movement. Because the height of space affects the motion of the whole body that enters into a place because it is the limit of the motion of the head.

In mampang clown costumes, space height is an element that is produced from 2 different objects, because in each component there are high differences due to different functions. The different components consisted of the costume and pants section height of costumes which produced a height of ± 1100 mm and a mask that had a height of ± 560 mm.

The costume section (clothing) is used to cover the user's body part. The part is used by the user by including the clothes worn by the user, so the inner space of the costume will not become narrow, because the clown costume user can use 2 clothes directly. And for the mask part of the mampang clown costume, which relates directly to the user's head, there is space to carry out activities to rotate, breathe and see for the user, so that the pressure from the top of the head can affect the performance of the user's head to carry out their activities.

Material Clown Costume Is Easy

An object that has been successfully created, there needs to be a formation process. In the process

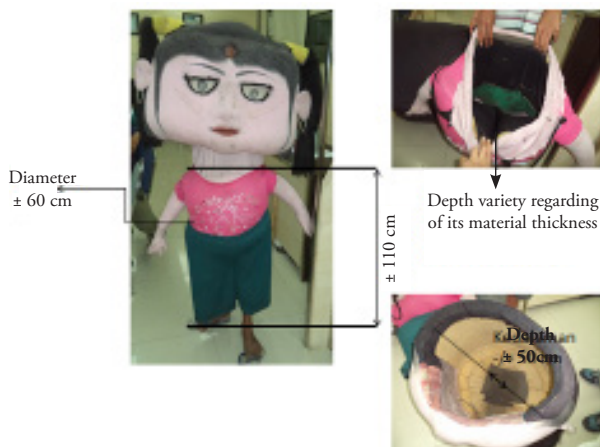


Figure 12. Height of clown costume space. (Source: Researcher, 2019)

of forming an object, material or material is needed to make something. As an object, material that is needed through the processing can be used as an object or an object (Callister, 2009).

The material contained in the clown costume can be composed of various kinds of material applied to produce a single costume. The material used is dominant in the inner layer of the costume. Such as the use of "EVA foam" material (artform) which becomes material on the head and body in a mampang clown costume. The use of "EVA foam" on the part of the material using the material has a characteristic that can be formed so that it can also be used as a forming structure of the mask. Besides, EVA foam material, coated with various kinds of fabric to cover the material, is added various kinds of beads on the fabric.

The use of cloth as an outer layer is used to make costume parts of clothing like clothes that are in everyday life. The use of the layered material can also directly influence the weight of the costume because with heavy consideration, the costume can give significant results to the movement and accessibility of users who know the costume is used in conditions used with activities on vulnerable roads will accident. When the costume needs to consider the power that is in the user.

In The Case Of A Vent

The vent on as an element that is used to be able to provide air access so that it can enter into

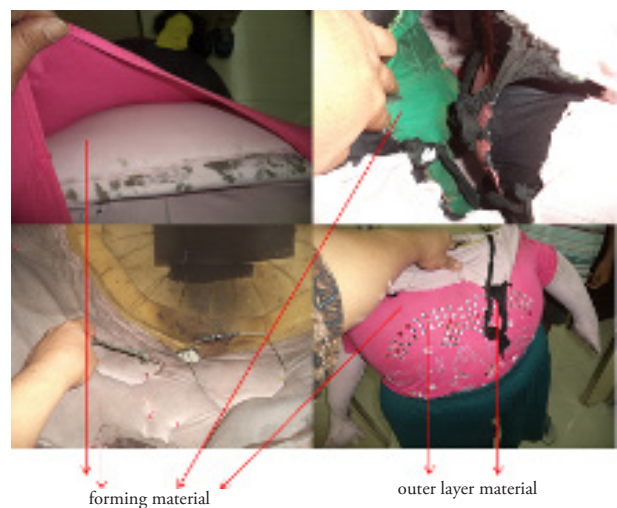


Figure 13. Material clown costume is easy. (Source: Researcher, 2019)

inner space to give effect to users who are indoors to reduce the heat that can make inconvenience to users of space. Because the element of airing a space will function to supply fresh air is closely related to aspects of human health (Koenigsberger, 1975).

The vent in the clown costume can be divided into two parts, namely the vent on the mask and the vent on the clothing section. The vent on the mask is on the mouth and head of the mask, both of which have their functions as hand access to make money through the mouth and holes in the head to see. The two holes can become vents to flow to the head of the costume user who then flows into the mask mounting hole to get out. And under certain conditions, the incoming wind is not much because the hole provided is $\pm 100-170$ mm.

For holes in clothing, wind holes are not much different from clothing used by humans in general, because it is shaped like t-shirt clothes, but with usage holes at the top, so that holes for wind are found in the hand holes, legs and above. This is described as a bag in which there are humans as users. So that in that section the user is easier to feel hot compared to the head (mask).

Neighborhood/Environment

The environment is a department that is present because it is natural and is directly related to activities carried out by humans individually and related to the presence of other humans. The hair of the environment as everything physical, non-



Additional holes for viewing and taking money
 Figure 14. The vent in the clown costume is easy.
 (Source: Researcher, 2019)

physical and social around humans can influence life and human development (Lenihhan, 1978).

The environment of using clown costumes can emphasize its use in outdoor spaces (outdoor) because user activities are more directed towards roads, crossroads, and even park areas. Users of clown costumes can also be called entertainers because their creativity is intended to seek sustenance for their lives. Besides, these activities are also related to the presence of vehicles that can endanger costume users, weather conditions that can influence users and costumes that are used and humans who are around it consisting of humans who are comforted by those who do not feel comforted. So that environmental conditions can be an influence not only on users but can also affect the results obtained and the impact that will occur on the clown costume used.

The Acoustic System Of A Clown Costume Is Easy

Entertainment is not infrequently included with various sounds. Sound is a sensation that during longitudinal vibrations of air molecule molecules, in the form of waves reaching the tympanic membrane of the ear The sound that is used is used as a way to attract attention. So that entertainment is often found using loud volume. The need for sound volume considerations to produce hearing comfort (Doelle, 1990) for humans so as not to disturb activities outside the

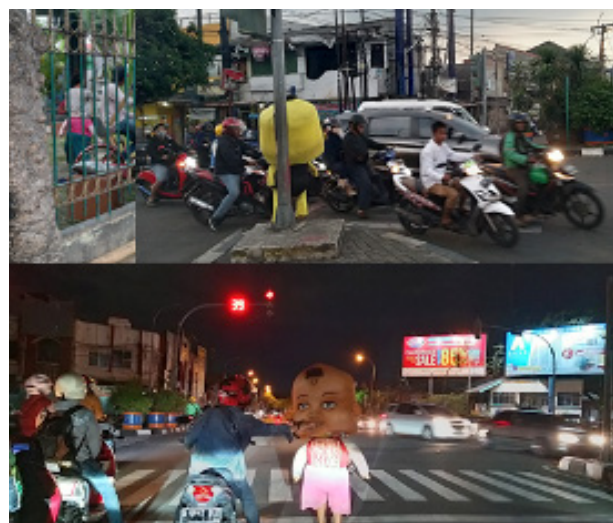


Figure 15. The environment for using clown costume is easy. (Source: Researcher, 2019)

entertainment area. Because the resulting impact is a reduction in one's concentration if they are carrying out activities that are not related to the entertainment that is being held. Because with disruption of concentration then work or activity what will be done will be a lot of errors or damage that will cause losses (Anizar, 2009)

Clowns are easy and the sound around them. Sound is a sensation that during the longitudinal vibration of an air molecule, in the form of a wave reaches the tympanic membrane of the ear (Tambunan, 2005). Air vibration that propagates through an intermediate shaped, solid, liquid or air will reach the ear and produce a certain sensation in the listener (Achmadi, 1993).

The sound produced at mampang clown costume not only from the use of radio which is on the outside of the clown costume mampang. In connection with its use outside space, the sound loungers associated with activities carried out by clowns will be associated with external environments such as the streets or various places that produce sound.

The sound source in the form of radio that emits sound in the form of music is used as a medium to attract attention, by activating the volume of the radio loudly, it is expected that people who are around the clown can hear and pay attention to the clown. In addition to the sound, it is not uncommon for clowns to sway to give a funny impression of such humor, people who pay attention will give their money in large or small fractions. This is an attempt by clowns to be able to earn income. To attract the attention of people who are around the clowns easily.

The sound produced has an impact on the hearing of the user of the mampang clown costume. With the position of the sound source on the body



Figure 16. The source of the sound of clown costumes is easy. (Source: Researcher, 2019)

of the clown, it will produce a sound that will enter the head part of the clown. So that the sound is heard not only by people around but also will be heard by clown users easily. This will indirectly affect the hearing of the clown user easily.

Apart from the radio or musical instrument used, the sound source can also be present from the work environment in the form of streets. The sound that is present is the sound produced from a vehicle that is running or a vehicle horn. Therefore, the sound is a sound that can provide a different atmosphere because the presence of the sound cannot be ascertained. Sound sources in the form of vehicles, can not only divert the concentration of clown users easily but can also be a source that can beat the sound of music presented by the clown mampang.

The position of clowns is easily working on the road due to the distance between clowns and vehicles that are nearby. Not only related to the sound of the instrument being carried. In this case, it will relate to the condition of the sound with the vehicle. Because in this condition the sound of a clown musical instrument can easily mix with the sound of the vehicle. However, as a business, it is not uncommon for clowns to be able to get close to vehicles if people in vehicles want to give money to a clown easily.

Lighting And Mampang Clown

Lighting as a factor to be able to know the state of the surrounding environment so that it can cause a sense of security and comfort and can be related to human productivity. The existence of good lighting can allow someone to see objects that are in the vicinity and can do the activities they do see (Amin, 2011).



Figure 17. Lighting source on the mampang clown. (Source: Researcher, 2019)

As a means of entertainment and a tool to help someone seek sustenance. Clown costumes can be used directly with the included activities carried out by the user. With the activities carried out, there will be an element of productivity to be able to provide maximum results to the users of mampong clown costumes. Lighting is an element that can give the influence to clown costume users easily to be able to help themselves to be able to see the conditions that exist in their society. Because the use of costumes relates to where costume users carry out their activities.

The source of lighting from the use of clown costumes can be influenced by environmental conditions. This is because there is no light produced on the inside of the costume so that in its use, the light source comes from outside the costume which consists of natural and artificial lighting. The natural lighting obtained comes from sunlight if costume users do activities in the morning to evening. And this can affect the activities carried out. Because it is known besides sunlight, it will provide heat. And this affects the users of mampong clown costumes. Natural lighting will be a guideline for costume users to see through holes in the head (mask).

Artificial lighting on the use of clown mampong costumes, emphasizes the lighting produced by street lights that serve to illuminate the streets at night or during cloudy weather. Artificial lighting not infrequently influences costume users in their activities because the lighting comes from one source in the form of lights. So that not infrequently the resulting light is more disturbing because it is not evenly distributed like sunlight. This can disrupt the vision of the user. Because in addition to the lack of light entering through the vision hole it will be difficult for users if they will perform entertaining activities when the vehicle stops so that it will disturb the driver of the vehicle that is around the clown.

Conclusion

Clowns are known as a profession related to entertainment. From work that is not different from a conventional clown as an entertainer, it is

intended to be able to give pleasure to those around him. And different from character clowns that are not used for promotion. As a job, clowns can have different risks than the other two clown models. Because in doing its work, clowns can easily do it on the streets, especially intersections or around traffic lights that have vehicles of various types. Clowns can do their jobs when the traffic lights are red. That is when the vehicle stops. This is done within a period of - / + 90 seconds to prepare yourself from doing until completing work.

Clown costumes can be used as a medium to do work. The value of the clown costume is different from the other clown costumes. because there is a difference that is characteristic of its part. Such as the use of masks that are not the same as conventional clowns that use makeup on the face or mask of characters that are known for character clowns. Clown masks can be their characteristics because of the large size of the other clown masks. In terms of clothing also has differences, although in terms of characteristics are not much different from other clown clothes because it still emphasizes the large part of the abdomen.

The inner space of a clown costume is quite limited in its use. Therefore, every part of the clown costume easily has a different function than the character clown costume. Because the head (mask) needs hand coordination in carrying out activities. The activities carried out in the form of moving the hand to be able to activate the blink of an eye from a clown mask. As for the mask section, it relates directly to the user's head. So the inner space created by the clown mask will burden the user's head. Besides, the vision factor of the user's eyes is only given one hole at the top of the mask which will not infrequently disturb the user's vision. Besides the activity of moving the mask, the head is one part that is directly related to the surrounding community. This is due to the interaction between users of the costume clown and the people who want to give money. Then this will be done using the hand through the mouth hole of the clown mampong. So the inner space of the mask requires users to use their hands maximally.

The space in the clown costume is part of the clothes is a part that needs more attention to be able

to adjust to other costume users. Because clown costume users who are not uncommon are young people aged 12-17 years, eating adjustments are done by the users only. Because if you see a clown costume user who is still using it, the costume will have different sizes. There are opportunities in the relationship of clothing to the weather conditions where the clown is entertaining. Because the direct dust or rain factor regarding the costume is one of the things that cannot be avoided. Besides, the exchange of users can also be a detrimental factor between users. Because if the user uses it during the rain, it needs first treatment.

The clown is one of the professions that can help people increase their income. But on the one hand, there is a change so that clowns can become abandoned. The clown profession is easily considered as one of the opportunities of the entertainment profession. With the addition of professions such as buskers and beggars. Then the clown could have an increasing rival. And as one of the businesses, renting a clown costume can never benefit from renting the costume. Because in its development, clown costumes can become idols to be used as entertaining costumes.

The comfort system of a clown costume is easily made with a variety of restrictions, especially those that result from adjustments between costumes and users. Inner space comfort from a clown costume easily refers to various activities of a particular user that are specific to the movements of the user such as walking and swaying. With various adjustments in the use of costumes, it is not uncommon to refer to their suitability for each, so that to wear costumes there will be certain requirements from the user such as body shape and height. This is because, if the use of costumes is forced on an individual user with certain body shape, it can damage the clown costume easily. Which can directly harm the costume owner and other users who will use it?

The comfort of the space from a simple clown costume is not just from the inside of the costume. Because the environment where the clown costume is worn can also affect the comfort of the room from the clown costume. From the environment where activities such as the streets can influence because

of the results of these environmental conditions, with the weather and environmental conditions affecting the use of clown costumes, it can affect the comfort of clown costume users who can carry out their activities and indirectly affect the conditions and results. to be obtained.

The environment as a supporter of convenience for users of clown costumes is easy, can directly influence the comfort of users in carrying out activities. With a variety of natural support from the environment can help users clown costumes can see the environment. Because it is known that the working environment of the user is outdoor in the form of a road, concentration needs to be taken so that there are no accidents caused by neglect and fatigue.

Acknowledgements

This research cannot be separated from a variety of outside assistance that directly and indirectly contributes to the development of writing. Thank you to [Dr. Devi Fitriana, S.Kom., M.TI] and [Dr. Ir. Tin Budi Utami, MT] as Director and Head of Research at Mercu Buana University, [Dr. Ariani Wardhani as dean of the Design and Creative Art faculty at Mercu Buana University] who helped provide an explanation of international journals. And to [Mr. Ir. Edy Muladi as a research consultant at the faculty of design and creative arts at Mercu Buana University] who has exchanged ideas about the conceptual thinking in design.

References

- Abdullah, T & Francis T. (2013). *Manajemen Pemasaran*. cet. II. Jakarta: Raja Grafindo Persada
- Achmadi. U. F, (1993). *Upaya Kesehatan Kerja Sektor Informal di Indonesia*, Jakarta: Departemen Kesehatan Republik Indonesia
- Amin. N, (2011). Optimasi Sistem Pencahayaan Dengan Memanfaatkan Cahaya Alami (Studi Kasus Lab. Elektronika Dan Mikroprosesor UNTAD). *Jurnal Ilmiah Foristek*, 1(1), 43-50
- Callister. J & William. D, (2009), *Materials Science And Engineering An Introduction 8th Edition*,

- New Jersey : John Wiley & Sons Inc
- Doelle, L. E. (1990). *Akustik Lingkungan*. Jakarta: Erlangga
- Ertana, A. (2016). *Badut Sebagai Simbol Perilaku Menyimpang Pada Kehidupan Sosial Dalam Seni Lukis*. Universitas Negeri Semarang: Semarang
- Farid, S. (2013). *Filosofi Badut*. Bandung: Sekolah Tinggi Seni Rupa dan Desain Indonesia:
- Hamidi. (2010). *Metode Penelitian Kualitatif*. Malang: UMM Press.
- Koenigsberger. O. H., Ingersoll. T. G., Mayhew. A., Szokolay. S. V. (1975), *Manual of Tropical Housing and Building Part 1: Climatic Design*. London: Longman Group Ltd
- Kotler, P dan Keller. (2007). *Manajemen Pemasaran (Jilid I). Edisi 12*. Jakarta: PT. Indeks.
- Kristianto, H. (2012). *Kajian terhadap Kenyamanan Ruang Teori Di Fakultas Teknik Universitas Negeri Yogyakarta Ditinjau Dari Aspek Antropometrik*. Yogyakarta: Universitas Negeri Yogyakarta
- Lenihan. J, (1978), *Hair As Mirror Of The Environment*. Glasgow: Blackie And Sons Ltd
- Neufeldt. V & Guralnik. B. D, (1997), *Webster's New College Dictionary 3rd Edition*. New York: McMillan
- Oborne, D, J. (1995). *Ergonomic at Work. Third Edition*. London: John Wiley and Sons Ltd
- Peterson, S.J. & Bredow, T.S. (2008). *Middle range theories : Application to nursing research*. (2nd ed.). Philadelphia: Lippincott Williams & Wilkins
- Sanders, M. S., & McCormick, E. J. (1993). *Human factors in engineering and design (7th ed.)*. New York: Mcgraw-Hill Book Company
- Tambunan. S, (2005). *Kebisingan Di Tempat Kerja*, Yogyakarta: Andi
- Yusuf, A, W. (1997). *Pranata Pembangunan*. Bandung: Universitas Parahiyangan